INTERNATIONAL STANDARD ISO 286-2:2010
TECHNICAL CORRIGENDUM 1

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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

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

ICS 17.040.10 **Ref. No. ISO 286-2:2010/Cor.1:2013(E)**

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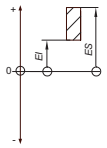
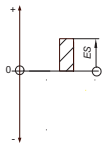
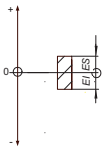
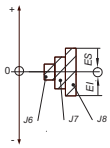
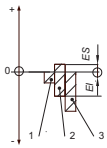
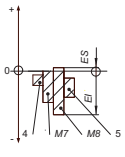
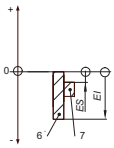
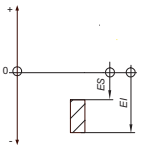
Page 2, Figure 1

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* < 0 (see Table 3)
				EI = *ES* - IT			

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 mm < nominal size ≤ 500 mm
3 K9 to K18, and also K4 to K8 for nominal size > 500 mm
4 M1 to M6
5 M9 to M18, and also M7 to M8 for nominal size > 500 mm
6 N1 to N8 and also N9 to N18 for sizes for which 1 mm < nominal size ≤ 3 mm, as well as nominal size > 500 mm
7 N9 to N18 for sizes for which 3 mm < nominal size ≤ 500 mm

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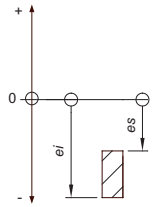
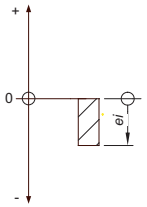
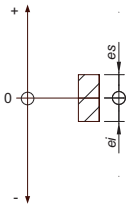
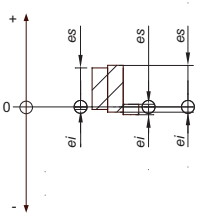
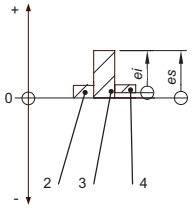
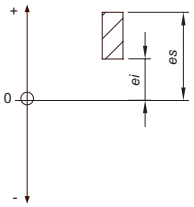
Page 3, Figure 2

Replace Figure 2 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)	$es = ei + IT$ $ei = 0$ 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 mm < nominal size ≤ 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.

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Page 13, Table 7

In Table 7, make the following changes:

a) replace ± 0,05 by ± 0,5 as the value for the upper limit and lower deviation, *ES* and *EI*, for tolerance class JS1 for nominal size above 3 mm up to and including 6 mm;

b) replace ± 0,05 by ± 0,5 as the value for the upper limit and lower deviation, *ES* and *EI*, for tolerance class JS1 for the nominal size above 6 mm up to and including 10 mm.

Page 14,Table 8

In Table 8, replace −5 by −7 as the value for the lower limit deviation, *EI*, for tolerance class J6 for the nominal size above 250 mm up to and including 315 mm.

Page 19,Table 12

In Table 12, make the following changes:

a) replace 165 by 166 as the value for the lower limit deviation, *EI*, for tolerance class S9 for the nominal size above 100 mm up to and including 120 mm;

b) replace −387 by −407 as the value for the lower limit deviation, *EI*, for tolerance class S9 for the nominal size above 450 mm up to and including 500 mm;

c) replace −96 by −98 as the value for the lower limit deviation, *EI*, for tolerance class S10 for the nominal size above 10 mm up to and including 18 mm.

Page 26, Table 17

In Table 17, replace −150 by −160 as the value for the lower limit deviation, *ei*, for tolerance class c12 for the nominal size up to and including 3 mm.

Page 33, Table 24

In Table 24, replace 190 by 180 as the value for the upper limit deviation, *es*, for tolerance class k13 for the nominal size above 3 mm up to and including 6 mm.

Page 42, Table 30

In Table 30, replace 650 by 605 as the value for the upper limit deviation, *es*, for tolerance class x9 for the nominal size above 250 mm up to and including 280 mm.

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