



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

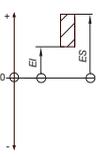
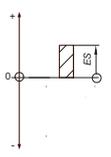
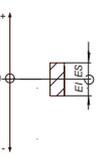
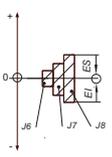
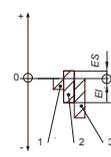
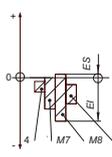
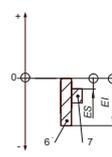
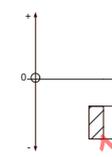
Spécification géométrique des produits (GPS) — Système de codification ISO pour les tolérances sur les tailles linéaires —

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*.

Replace Figure 1 by the following:

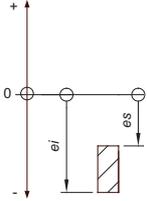
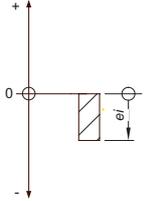
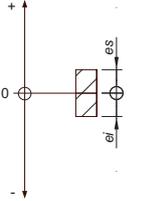
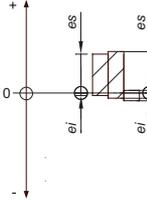
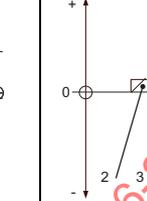
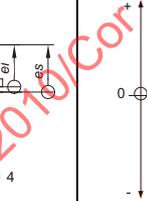
Limit deviation							
A to G	H	JS	J	K	M	N	P to ZC
 <p>$ES = EI + IT$</p> <p>$EI > 0$</p> <p>(see Table 2)</p>	 <p>$ES = 0 + IT$</p> <p>$EI = 0$</p>	 <p>$ES = +IT/2$</p> <p>$EI = -IT/2$</p>	 <p>$ES > 0$</p> <p>(see Table 2)</p>	 <p>ES</p> <p>(see Table 2 and 3)</p> <p>$EI = ES - IT$</p>	 <p>ES</p> <p>(see Table 2 and 3)</p> <p>$EI = ES - IT$</p>	 <p>$ES < 0$</p> <p>(see Table 3)</p>	 <p>$ES < 0$</p> <p>(see Table 3)</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>							

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

Page 3, Figure 2

Replace Figure 2 by the following:

Limit deviation					
a to g	h	js	j	k	m to z
 <p>$es < 0$ (see Table 4) $ei = es - IT$</p>	 <p>$es = 0$ $ei = 0 - IT$</p>	 <p>$es = + IT/2$ $ei = - IT/2$</p>	 <p>$es = ei + IT$ $ei < 0$ (see Table 4)</p>	 <p>$es = ei + IT$ $ei = 0 \text{ or } > 0$ (see Table 5)</p>	 <p>$es = ei + IT$ $ei > 0$ (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>					

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.