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AMENDMENT 1
2012-05-15

**Rolling bearings — Sleeve type linear
ball bearings — Boundary dimensions
and tolerances**

AMENDMENT 1

*Roulements — Roulements linéaires à recirculation de billes, type
manchon — Dimensions d'encombrement et tolérances*

AMENDEMENT 1



Reference number
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Amendment 1 to ISO 10285:2007 was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 11, *Linear motion rolling bearings*.

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Rolling bearings — Sleeve type linear ball bearings — Boundary dimensions and tolerances

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Page 10, Table A.1

Replace Table A.1 with the following.

Table A.1 — Tolerance classes

Symbol	Tolerance class						
	L9	L7	L7A	L6	L6A	L6J	L6JA
$F_{ws\ min}$	JS9	H7	H8	H6	H7	d	e
Δ_{Dmp}	a	$h6^b$	a	$h5^b$	a	$\approx h6^b$	a
Δ_{Cs}	js14	h14	h14	h14	h14	$\approx h12$	$\approx h12$
Δ_{C1s}	a	H13	H13	H13	H13	f	$\approx JS14$
K_{ea}	a	a	a	IT7 ^c	a	IT7 ^c	a

a Tolerance not defined.
b Not applicable to linear ball bearings having a drawn cup or a moulded plastic body.
c Based on dimension D .
d Special tolerance class with the upper deviation of “zero” and the lower deviation of “zero minus IT6”.
e Special tolerance class where the lower deviation is the same as the lower deviation of L6J, and the upper deviation is approximately equal to the lower deviation plus IT7.
f Special tolerance with the upper deviation of “zero” and the lower deviation of “zero minus IT6”.

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