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**AMENDMENT 1**  
2013-07-01

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**Rolling bearings — Chamfer  
dimensions — Maximum values**

**AMENDMENT 1**

*Roulements — Dimensions des arrondis — Valeurs maximales*

*AMENDEMENT 1*

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## Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 582:1995 was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 4, *Tolerances, tolerance definitions and symbols (including GPS)*.

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# Rolling bearings — Chamfer dimensions — Maximum values

## AMENDMENT 1

*Page 1, Normative references*

Replace the reference to ISO 355:1977 with the following:

ISO 355, *Rolling bearings — Tapered roller bearings — Boundary dimensions and series designations*

*Page 4, Clause 5*

Replace Table 4 with the following new table, thus adding new rows with first column values of 0,5, 3,3, 7 and 8 for  $r_{s \text{ min}}$ , or  $r_{1s \text{ min}}$ .

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Dimensions in millimetres

$r_{s \text{ min}}$ or $r_{1s \text{ min}}^{1)}$	$d$ or $D$	$r_{s \text{ max}}$ or $r_{1s \text{ max}}$	
		Directions	
		radial	axial
0,3	$d$ or $D \leq 40$	0,7	1,4
	$d$ or $D > 40$	0,9	1,6
0,5	$d$ or $D \leq 40$	1,1	1,7
	$d$ or $D > 40$	1,2	1,9
0,6	$d$ or $D \leq 40$	1,1	1,7
	$d$ or $D > 40$	1,3	2
1	$d$ or $D \leq 50$	1,6	2,5
	$d$ or $D > 50$	1,9	3
1,5	$d$ or $D \leq 120$	2,3	3
	$120 < d$ (or $D$ ) $\leq 250$	2,8	3,5
	$d$ or $D > 250$	3,5	4
2	$d$ or $D \leq 120$	2,8	4
	$120 < d$ (or $D$ ) $\leq 250$	3,5	4,5
	$d$ or $D > 250$	4	5
2,5	$d$ or $D \leq 120$	3,5	5
	$120 < d$ (or $D$ ) $\leq 250$	4	5,5
	$d$ or $D > 250$	4,5	6
3	$d$ or $D \leq 120$	4	5,5
	$120 < d$ (or $D$ ) $\leq 250$	4,5	6,5
	$250 < d$ (or $D$ ) $\leq 400$	5	7
	$d$ or $D > 400$	5,5	7,5
3,3	$d$ or $D \leq 120$	4,3	6,3
	$120 < d$ (or $D$ ) $\leq 250$	4,8	6,8
	$250 < d$ (or $D$ ) $\leq 400$	5,3	7,3
	$d$ or $D > 400$	5,8	7,8
4	$d$ or $D \leq 120$	5	7
	$120 < d$ (or $D$ ) $\leq 250$	5,5	7,5
	$250 < d$ (or $D$ ) $\leq 400$	6	8
	$d$ or $D > 400$	6,5	8,5
5	$d$ or $D \leq 180$	6,5	8
	$d$ or $D > 180$	7,5	9
6	$d$ or $D \leq 180$	7,5	10
	$d$ or $D > 180$	9	11
7	$d$ or $D \leq 180$	10	12,5
	$d$ or $D > 180$	11,5	13,5
8	$d$ or $D \leq 180$	12,5	15,5
	$d$ or $D > 180$	14,5	17,5

<sup>1)</sup> See Clause 5 for maximum shaft and housing fillet radii.

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