

INTERNATIONAL STANDARD

**ISO
582**

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AMENDMENT 1
2013-07-01

Rolling bearings — Chamfer dimensions — Maximum values

AMENDMENT 1

Roulements — Dimensions des arrondis — Valeurs maximales
AMENDEMENT 1



Reference number
ISO 582:1995/Amd.1:2013(E)

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Foreword

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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 $r_{s \min}$ or $r_{1s \min}$.

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Dimensions in millimetres

$r_s \text{ min OR } r_{1s} \text{ min}^{1)}$	$d \text{ or } D$	$r_s \text{ max OR } r_{1s} \text{ max}$	
		radial	axial
0,3	$d \text{ or } D \leq 40$	0,7	1,4
	$d \text{ or } D > 40$	0,9	1,6
0,5	$d \text{ or } D \leq 40$	1,1	1,7
	$d \text{ or } D > 40$	1,2	1,9
0,6	$d \text{ or } D \leq 40$	1,1	1,7
	$d \text{ or } D > 40$	1,3	2
1	$d \text{ or } D \leq 50$	1,6	2,5
	$d \text{ or } D > 50$	1,9	3
1,5	$d \text{ or } D \leq 120$	2,3	3
	$120 < d \text{ (or } D) \leq 250$	2,8	3,5
	$d \text{ or } D > 250$	3,5	4
2	$d \text{ or } D \leq 120$	2,8	4
	$120 < d \text{ (or } D) \leq 250$	3,5	4,5
	$d \text{ or } D > 250$	4	5
2,5	$d \text{ or } D \leq 120$	3,5	5
	$120 < d \text{ (or } D) \leq 250$	4	5,5
	$d \text{ or } D > 250$	4,5	6
3	$d \text{ or } D \leq 120$	4	5,5
	$120 < d \text{ (or } D) \leq 250$	4,5	6,5
	$250 < d \text{ (or } D) \leq 400$	5	7
	$d \text{ or } D > 400$	5,5	7,5
3,3	$d \text{ or } D \leq 120$	4,3	6,3
	$120 < d \text{ (or } D) \leq 250$	4,8	6,8
	$250 < d \text{ (or } D) \leq 400$	5,3	7,3
	$d \text{ or } D > 400$	5,8	7,8
4	$d \text{ or } D \leq 120$	5	7
	$120 < d \text{ (or } D) \leq 250$	5,5	7,5
	$250 < d \text{ (or } D) \leq 400$	6	8
	$d \text{ or } D > 400$	6,5	8,5
5	$d \text{ or } D \leq 180$	6,5	8
	$d \text{ or } D > 180$	7,5	9
6	$d \text{ or } D \leq 180$	7,5	10
	$d \text{ or } D > 180$	9	11
7	$d \text{ or } D \leq 180$	10	12,5
	$d \text{ or } D > 180$	11,5	13,5
8	$d \text{ or } D \leq 180$	12,5	15,5
	$d \text{ or } D > 180$	14,5	17,5
1) See Clause 5 for maximum shaft and housing fillet radii.			