

Third edition
1995-05-15

AMENDMENT 1
2013-07-01

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

AMENDMENT 1

Roulements — Dimensions des arrondis — Valeurs maximales
AMENDEMENT 1

STANDARDSISO.COM : Click to view the full PDF of ISO 582:1995/Amd 1:2013



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

STANDARDSISO.COM : Click to view the full PDF of ISO 582:1995/Amd 1:2013



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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)*.

STANDARDSISO.COM : Click to view the full PDF of ISO 582:1995/Amd 1:2013

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 $r_{1s \min}$.

STANDARDSISO.COM : Click to view the full PDF of ISO 582:1995/Amd 1:2013

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) ≤ 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) ≤ 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) ≤ 250	4	5,5
	d or $D > 250$	4,5	6
3	d or $D \leq 120$	4	5,5
	$120 < d$ (or D) ≤ 250	4,5	6,5
	$250 < d$ (or D) ≤ 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) ≤ 250	4,8	6,8
	$250 < d$ (or D) ≤ 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) ≤ 250	5,5	7,5
	$250 < d$ (or D) ≤ 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

¹⁾ See Clause 5 for maximum shaft and housing fillet radii.