BS ISO 885:2000

# General purpose bolts and screws — Metric series — Radii under the head

ICS 21.060.10



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This document comprises a front cover, an inside front cover, the ISO title page, pages ii to iii, a blank page, pages 1 and 2, an inside back cover and a back cover.

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#### Amendments issued since publication

shed	Amd. No.	Date	Comments
nes			

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 May 2000

@ BSI 05-2000

ISBN 0 580 34866 0

# INTERNATIONAL STANDARD

Second edition 2000-03-01

# General purpose bolts and screws — Metric series — Radii under the head

Vis d'applicatiion générale — Série métrique — Rayon d'arrondi sous tête



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# Foreword

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International Standard ISO 885 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 7, *Reference Standards for fasteners (mainly covering terminology, dimensioning, sizes and tolerancing)*.

This second edition cancels and replaces the first edition (ISO 885:1976), which has been technically revised.

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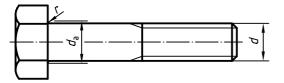
# General purpose bolts and screws — Metric series — Radii under the head

## 1 Scope

This International Standard specifies the sizes of the radii under the head and the transition diameters of metric series general purpose bolts and screws.

## 2 Dimensions

See Figure 1 and Table 1.



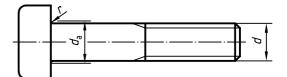


Figure 1

	1			T			ns in millimetr
Thread	Radius	Transition diameter <sup>a</sup> d <sub>a, max</sub>		Thread diameter	Radius r <sub>min</sub>	Transition diameter <sup>a</sup> d <sub>a, max</sub>	
diameter	r <sub>min</sub>						
d	product grades A, B and C	product grades A and B	product grade C	d	product grades A, B and C	product grades A and B	product grac C
1,6	0,1	2		39	1	42,4	45,4
2	0,1	2,6		42	1,2	45,6	48,6
2,2	0,1	2,8		45	1,2	48,6	52,6
2,5	0,1	3,1		48	1,6	52,6	56,6
3	0,1	3,6		52	1,6	56,6	62,6
3,5	0,1	4,1		56	2	63	67
4	0,2	4,7		60	2	67	71
4,5	0,2	5,2		64	2	71	75
5	0,2	5,7	6	68	2	75	79
6	0,25	6,8	7,2	72	2	79	83
7	0,25	7,8	8,2	76	2	83	87
8	0,4	9,2	10,2	80	2	87	92
10	0,4	11,2	12,2	85	2	92	97
12	0,6	13,7	14,7	90	2,5	97	102
14	0,6	15,7	16,7	95	2,5	102	108
16	0,6	17,7	18,7	100	2,5	108	113
18	0,6	20,2	21,2	105	2,5	113	118
20	0,8	22,4	24,4	110	2,5	118	123
22	0,8	24,4	26,4	115	2,5	123	128
24	0,8	26,4	28,4	120	2,5	128	133
27	1	30,4	32,4	125	2,5	133	138
30	1	33,4	35,4	130	2,5	138	145
33	1	36,4	38,4	140	2,5	148	156
36	1	39,4	42,4	150	2,5	159	166

Table 1 — Dimensions  $r_{\min}$  and  $d_{a,\max}$ 

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