
INTERNATIONAL STANDARD



246

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Cylindrical roller bearings — Separate thrust collars — Boundary dimensions

*Roulements à rouleaux cylindriques — Bagues d'épaulement séparées — Dimensions
d'encombrement*

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[ISO 246:1978](https://standards.iteh.ai/catalog/standards/sist/b78e35b6-b26b-43e6-a98d-6a4ad3b43f0c/iso-246-1978)

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Descriptors : roller bearings, cylindrical roller bearings, bearing collars, dimensions.

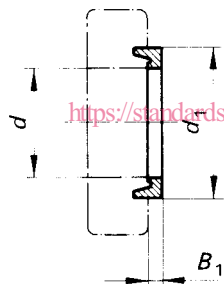
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Cylindrical roller bearings – Separate thrust collars – Boundary dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the width and the maximum outside diameter of separate thrust collars for cylindrical roller bearings in diameter series 2, 3 and 4.

2 SYMBOLS



d = bore diameter of separate thrust collar

B_1 = width of separate thrust collar, protruding beyond inner ring face

d_1 = outside diameter of separate thrust collar

3 DIMENSIONS

Dimensions in millimetres

Bore diameter d	Diameter series 2		Diameter series 3		Diameter series 4	
	Width B_1	Outside diameter d_1 max.	Width B_1	Outside diameter d_1 max.	Width B_1	Outside diameter d_1 max.
17	3	26	3	31	4	38
20	3	30	4	35	5	44
22	3	33	4	36	—	—
25	3	35	4	41	6	51
28	3	40	4	44	—	—
30	4	43	5	49	7	56
32	4	45	5	50	—	—
35	4	49	6	55	8	62
40	5	55	7	61	8	71
45	5	60	7	69	8	78
50	5	65	8	74	9	86
55	6	72	9	82	10	92
60	6	79	9	91	10	100
65	6	87	10	96	11	106
70	7	91	10	107	12	115
75	7	96	11	110	13	122
80	8	105	11	121	13	129
85	8	110	12	127	14	136
90	9	116	12	133	14	144
95	9	123	13	141	15	158
100	10	130	13	147	16	167
105	10	136	13	154	16	170
110	11	144	14	163	17	176
120	11	155	14	175	17	190
130	11	170	14	185	18	208
140	11	182	15	204	18	226
150	12	195	15	214	20	236
160	12	208	15	227	20	249
170	12	225	16	246	20	269
180	12	236	17	256	23	281
190	13	246	18	268	23	294
200	14	260	18	283	24	305
220	15	287	20	311	26	340
240	16	316	22	337	28	370
260	18	343	24	365	—	—