

Table 6 - Guideline values for spacer ring width reduction – 719 .. D and 70 .. D bearing series

		Increasing the preload (back-to-back)			Decreasing the preload (back-to-back)			Increasing the preload (face-to-face)			Decreasing the preload (face-to-face)		
Bore diameter	Size	Requisite spacer ring width reduction of bearings in the series											
		719 CD			719 ACD			70 CD			70 ACD		
d		a	b	c	a	b	c	a	b	c	a	b	c
mm	–	µm											
6	6	–	–	–	–	–	–	3	4	7	2	4	5
7	7	–	–	–	–	–	–	4	5	8	2	4	6
8	8	–	–	–	–	–	–	4	6	8	3	4	6
9	9	–	–	–	–	–	–	4	6	8	3	4	6
10	00	3	4	6	2	3	5	4	6	9	3	4	7
12	01	3	4	6	2	3	5	4	6	9	3	4	7
15	02	4	5	8	2	4	6	4	6	9	3	4	7
17	03	4	5	8	2	4	6	5	7	10	3	5	7
20	04	4	6	9	3	4	6	6	8	12	3	5	8
25	05	4	6	9	3	4	6	6	8	12	3	5	8
30	06	4	6	9	3	4	6	6	9	14	4	7	10
35	07	4	7	10	3	5	7	6	10	14	4	7	10
40	08	5	7	11	3	5	8	6	10	14	4	7	10
45	09	5	8	11	3	5	8	8	11	16	5	8	12
50	10	5	8	11	3	5	8	8	11	16	5	8	12
55	11	6	9	14	4	7	10	9	13	19	6	9	14
60	12	6	9	14	4	7	10	9	13	19	6	9	14
65	13	6	10	15	4	7	10	9	13	19	6	9	14
70	14	7	11	16	5	8	12	10	15	22	6	10	16
75	15	7	11	16	5	8	12	10	15	22	6	10	16
80	16	7	11	17	5	8	12	11	16	23	7	11	17
85	17	8	13	19	6	9	14	11	16	24	7	11	17
90	18	9	13	19	6	9	14	12	18	26	8	12	19

95	19	9	13	20	6	9	14	12	18	26	8	12	19
100	20	10	15	22	6	10	16	12	18	26	8	12	19
105	21	10	15	22	6	10	16	13	19	29	8	13	21
110	22	10	15	22	6	10	16	14	21	31	9	15	23
120	24	11	16	24	7	11	18	14	21	31	9	15	23
130	26	12	18	27	8	12	19	16	24	35	11	17	26
140	28	12	18	27	8	12	20	16	24	36	11	17	26
150	30	14	21	32	9	15	23	17	26	38	11	17	27
160	32	14	22	32	9	15	24	18	27	40	12	19	29
170	34	14	22	33	9	15	24	18	28	41	12	19	29
180	36	16	24	36	10	17	27	20	30	44	13	20	32
190	38	16	25	37	10	17	27	20	30	45	13	20	32
200	40	18	28	41	12	19	30	22	33	49	14	22	35
220	44	18	28	42	12	19	30	23	35	52	15	24	37
240	48	18	28	42	12	20	31	23	35	53	15	24	38
260	52	19	30	45	13	21	33	25	39	58	16	26	41
280	56	19	30	45	13	21	34	-	-	-	-	-	-
300	60	23	36	54	15	24	38	-	-	-	-	-	-
320	64	23	36	54	15	24	38	-	-	-	-	-	-
340	68	23	36	54	15	24	39	-	-	-	-	-	-
360	72	23	36	54	15	24	39	-	-	-	-	-	-