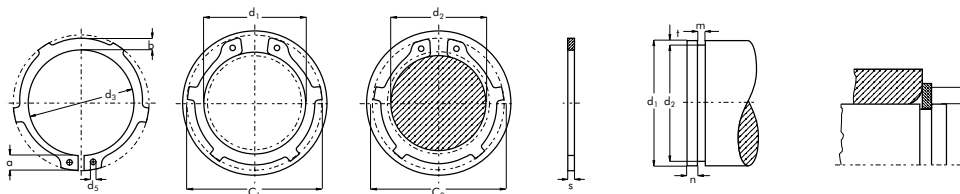
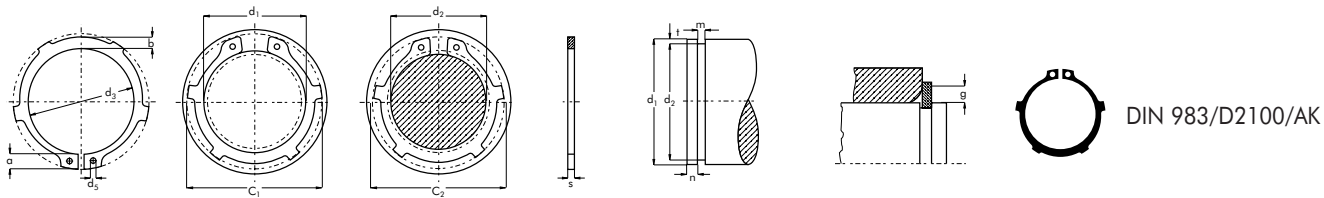


d ₁	DIN983 D2100 AK											Groove				D A T A									
		s	Tolerance	d ₃	Tolerance	a max.	b ≈	d ₅ min.	C ₁	C ₂	Weight (kg/1000)	d ₂	Tolerance	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm ²)	K (kN/mm)		ⁿ _{det.} x1000 (rpm)	
16	AK16	1.00	-0.06	14.7	+0.10 -0.36	3.5	2.3	1.7	23.2	22.2	0.82	15.2	-0.11	1.10	0.40	1.2	3.26	7.4	1.0	2.4	19.6	21.0	4	45	
17	AK17	1.00		15.7		3.6	2.4	1.7	24.4	23.4	0.93	16.2		1.10	0.40	1.2	3.46	8.0	1.0	2.4	20.8	21.6	4	41	
18	AK18	1.20		16.5		3.7	2.5	2.0	25.6	24.4	1.24	17.0		1.30	0.50	1.5	4.58	17.0	1.5	3.7	27.5	37.1	4	38	
19	AK19	1.20		17.5		3.7	2.6	2.0	26.6	25.4	1.35	18.0		1.30	0.50	1.5	4.85	17.0	1.5	3.8	29.0	36.4	4	33	
20	AK20	1.20		18.5	+0.13 -0.42	3.8	2.6	2.0	27.8	26.6	1.45	19.0	-0.15	1.30	0.50	1.5	5.06	17.1	1.5	3.8	30.6	36.3	4	30	
22	AK22	1.20		20.5		4.0	2.8	2.0	30.2	29.0	1.77	21.0		1.30	0.50	1.5	5.65	16.9	1.5	3.8	33.8	35.4	4	26	
23	AK23	1.20		21.5		4.1	2.9	2.0	31.4	30.2	1.84	22.0		1.30	0.50	1.5	5.90	16.6	1.5	3.8	35.4	34.7	4	24	
24	AK24	1.20		22.2		4.2	3.0	2.0	32.6	31.3	1.98	22.9		1.30	0.55	1.6	6.75	16.1	1.5	3.6	40.5	33.4	4	26	
25	AK25	1.20		23.2		4.3	3.0	2.0	33.8	32.5	2.12	23.9		1.30	0.55	1.6	7.05	16.2	1.5	3.7	42.3	33.4	4	24	
26	AK26	1.20		24.2		4.4	3.1	2.0	35.0	33.7	2.18	24.9		1.30	0.55	1.6	7.34	16.1	1.5	3.7	44.0	32.9	4	22	
28	AK28	1.50		-0.06	25.9	+0.21 -0.42	4.5	3.3	2.0	37.3	35.6	3.15	26.6	-0.21	1.60	0.70	2.1	10.00	32.1	1.5	7.5	60.0	65.0	4	20
29	AK29	1.50			26.9		4.7	3.4	2.0	38.7	37.0	3.35	27.6		1.60	0.70	2.1	10.30	31.8	1.5	7.4	62.2	64.0	4	19
30	AK30	1.50			27.9		4.7	3.4	2.0	39.7	37.9	3.65	28.6		1.60	0.70	2.1	10.70	32.1	1.5	7.6	64.4	64.2	4	18
32	AK32	1.50			29.6		5.0	3.6	2.5	42.4	40.3	4.00	30.3		1.60	0.85	2.5	13.80	31.2	2.0	5.5	83.1	61.8	4	16
34	AK34	1.50			31.5		5.1	3.8	2.5	44.6	42.5	4.15	32.3		1.60	0.85	2.5	14.70	31.3	2.0	5.6	88.3	61.3	4	16
35	AK35	1.50			-0.06		32.2	+0.25 -0.50	5.2	3.8	2.5	45.8	43.4		4.38	33.0	-0.25	1.60	1.00	3.0	17.80	30.8	2.0	5.5	106.0
37	AK37	1.75		34.2		5.4	4.0		2.5	48.2	45.8	6.30	35.0	1.85	1.00	3.0		18.80	50.0	2.0	9.1	113.0	96.4	4	13
38	AK38	1.75		35.2		5.5	4.1		2.5	49.4	47.0	6.50	36.0	1.85	1.00	3.0		19.30	49.5	2.0	9.1	116.0	95.0	4	13
40	AK40	1.75		36.5		7.2	4.2		2.5	54.9	51.9	7.00	37.5	1.85	1.25	3.8		25.30	51.0	2.0	9.5	152.0	96.9	4	14
42	AK42	1.75		38.5		7.2	4.5		2.5	56.9	53.9	7.50	39.5	1.85	1.25	3.8		26.70	50.0	2.0	9.4	160.0	93.7	4	13
45	AK45	1.75	-0.06	41.5		+0.39 -0.90	7.2		4.6	2.5	59.9	56.9	8.50	42.5	-0.25	1.85		1.25	3.8	28.60	49.0	2.0	9.3	172.0	91.0
47	AK47	1.75		43.5	7.2		4.8	2.5	61.9	58.9	8.70	44.5	1.85	1.25		3.8	30.00	49.5	2.0	9.5	180.0	90.7	4	10	
48	AK48	1.75		44.5	7.2		4.9	2.5	62.9	59.9	8.90	45.5	1.85	1.25		3.8	30.70	49.4	2.0	9.5	184.0	90.0	4	9	
50	AK50	2.00		45.8	8.2		5.0	2.5	67.0	63.4	11.55	47.0	2.15	1.50		4.5	38.00	73.3	2.0	14.4	228.0	133.0	4	10	
55	AK55	2.00		50.8	8.2		5.4	2.5	72.0	68.4	12.99	52.0	2.15	1.50		4.5	42.00	71.4	2.5	11.4	252.0	130.0	4	8	
57	AK57	2.00		-0.07	52.8		+0.46 1.10	8.2	5.6	2.5	74.0	70.4	14.00	54.0		-0.30	2.15	1.50	4.5	43.70	70.9	2.5	11.4	262.0	128.0
58	AK58	2.00	53.8		8.2	5.7		2.5	75.0	71.4	14.30	55.0	2.15	1.50	4.5		44.30	71.1	2.5	11.5	266.0	129.0	4	8	
60	AK60	2.00	55.8		8.2	5.8		2.5	77.0	73.4	14.80	57.0	2.15	1.50	4.5		46.00	69.3	2.5	11.3	276.0	126.0	4	7	
62	AK62	2.00	57.8		8.2	5.9		2.5	79.0	75.4	15.90	59.0	2.15	1.50	4.5		47.50	69.3	2.5	11.4	285.0	126.0	4	7	
65	AK65	2.50	60.8		10.2	6.2		3.0	86.0	82.4	21.70	62.0	2.65	1.50	4.5		49.80	135.0	2.5	22.7	299.0	245.0	4	6	
67	AK67	2.50	-0.07		62.5	+0.46 1.10		10.2	6.4	3.0	88.0	84.4	22.60	64.0	-0.30		2.65	1.50	4.5	51.30	136.0	2.5	23.0	308.0	245.0
68	AK68	2.50		63.5	10.2		6.5	3.0	89.0	85.4	23.50	65.0	2.65	1.50		4.5	52.20	135.0	2.5	23.0	313.0	244.0	4	7	
70	AK70	2.50		65.5	10.2		6.6	3.0	91.0	87.4	25.10	67.0	2.65	1.50		4.5	53.80	134.0	2.5	23.0	323.0	241.0	4	6	
75	AK75	2.50		70.5	10.2		7.0	3.0	96.2	92.4	28.20	72.0	2.65	1.50		4.5	57.60	130.0	2.5	22.8	346.0	234.0	4	6	
80	AK80	2.50		74.5	10.2		7.4	3.0	101.2	96.9	30.75	76.5	2.65	1.75		5.3	71.60	128.0	3.0	19.5	430.0	236.0	4	6	



DIN 983/D2100/AK

d ₁	DIN983 D2100 AK											Groove				D A T A									
		s	Tolerance	d ₃	Tolerance	a max.	b ≈	d ₅ min.	C ₁	C ₂	Weight (kg/1000)	d ₂	Tolerance	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm ²)	K (kN/mm)		n _{det.} x1000 (rpm)	
85	AK85	3.00	−0.08	79.5	+0.46 -1.10	10.2	7.8	3.5	106.2	101.9	39.50	81.5	−0.35	3.15	1.75	5.3	76.20	215.0	3.0	33.4	457.0	405.0	4	5	
90	AK90	3.00		84.5	10.2	8.2	3.5	111.2	106.9	47.70	86.5	3.15		1.75	5.3	80.80	217.0	3.0	34.4	485.0	401.0	4	5		
95	AK95	3.00		89.5	10.2	8.6	3.5	116.2	111.9	53.00	91.5	3.15		1.75	5.3	85.50	212.0	3.5	29.3	513.0	400.0	4	4		
100	AK100	3.00		94.5	10.2	9.0	3.5	121.4	116.9	56.60	96.5	3.15		1.75	5.3	90.00	206.0	3.5	29.0	540.0	397.0	4	4		
110	AK110	4.00	−0.10	103.0	+0.54 −1.30	12.2	9.6	3.5	135.4	130.4	84.60	106.0	−0.54	4.15	2.00	6.0	113.00	457.0	3.5	66.9	678.0	914.0	4	4	
120	AK120	4.00		113.0	14.2	10.1	3.5	149.6	144.4	89.70	116.0	4.15		2.00	6.0	123.00	424.0	3.5	64.5	741.0	882.0	4	4		
130	AK130	4.00		123.0	14.2	10.7	4.0	159.7	154.4	105.00	126.0	4.15		2.00	6.0	134.00	395.0	4.0	55.2	804.0	852.0	4	3		
140	AK140	4.00		133.0	14.2	11.2	4.0	169.8	164.4	115.00	136.0	4.15		2.00	6.0	144.00	376.0	4.0	54.4	867.0	840.0	4	3		



DIN 983/D2100/AK

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