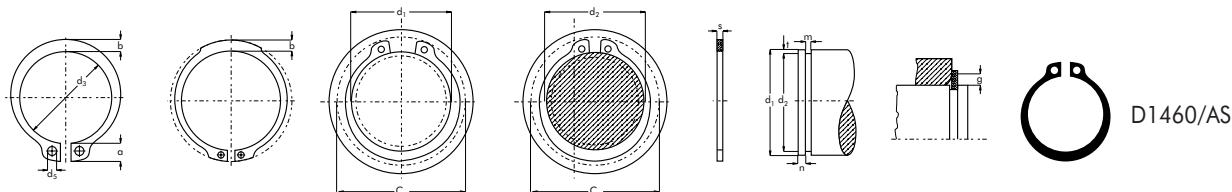
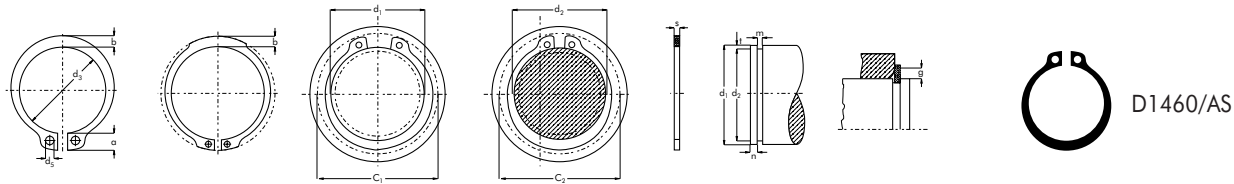


d ₁	D1460 AS											Groove				D A T A							
		s	Tolerance	d ₃	Tolerance	a max.	b ≈	d ₅ min.	C ₁	C ₂	Weight (kg/1000)	d ₂	Tolerance	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm ²)	B	n _{det.} x1000 (rpm)
12	AS12	1.50	-0.06	11.0	+0.10 -0.36	3.4	1.8	1.7	19.3	18.3	0.75	11.5	-0.11	1.60	0.25	0.7	1.53	11.3	1.0	4.5	9.2	2.25	75
15	AS15	1.50		13.8		4.8	2.4	2.0	25.1	23.9	1.20	14.3		1.60	0.40	0.7	3.20	15.5	1.0	4.5	18.3	2.25	50
16	AS16	1.50		14.7		5.0	2.5	2.0	26.5	25.2	1.20	15.2		1.60	0.35	1.2	3.26	16.7	1.0	4.5	19.6	2.25	48
17	AS17	1.50		15.7		5.0	2.6	2.0	27.5	26.2	1.24	16.2		1.60	0.40	1.5	4.32	18.0	1.0	4.5	25.9	2.25	46
18	AS18	1.50	-0.06	16.5	+0.21 -0.42	5.1	2.7	2.0	28.7	27.2	1.54	17.0	-0.15	1.60	0.50	1.8	5.50	26.6	1.5	5.8	33.0	1.56	43
19	AS19	1.50		17.5		5.1	2.7	2.0	29.9	28.2	1.45	18.0		1.60	0.50	1.8	5.78	26.6	1.5	5.9	34.7	1.56	28
20	AS20	1.75		18.5		5.5	3.0	2.0	31.5	30.0	2.25	19.0		1.85	0.50	1.6	5.60	36.3	1.5	8.2	33.8	2.12	32
22	AS22	1.75		20.5		6.0	3.1	2.0	34.5	33.0	2.30	21.0	-0.21	1.85	0.50	1.5	5.60	36.0	1.5	8.1	33.8	2.12	29
23	AS23	1.75	-0.07	21.3		6.6	3.2	2.0	35.7	34.0	2.60	21.8		1.85	0.60	1.8	7.04	35.7	1.5	8.1	42.2	2.12	27
24	AS24	1.75		22.2		6.3	3.2	2.0	37.1	35.5	2.70	22.9		1.85	0.55	1.9	7.95	34.2	1.5	7.6	47.7	2.12	29
25	AS25	2.00		23.2		6.4	3.4	2.0	38.3	36.7	3.35	23.9	-0.25	2.15	0.55	1.9	8.30	45.0	1.5	10.3	49.7	2.78	25
26	AS26	2.00	-0.07	23.6	+0.25 -0.50	6.6	3.3	2.0	39.7	37.6	3.65	24.4		2.15	0.80	2.4	10.70	44.0	1.5	10.0	63.0	2.73	27
27	AS27	2.00		24.7		6.6	3.4	2.0	40.5	38.5	3.85	25.5		2.15	0.75	2.3	10.30	45.5	1.5	10.6	62.0	2.78	25
28	AS28	2.00		25.9		6.5	3.5	2.0	41.5	39.6	3.90	26.6		2.15	0.70	2.1	10.00	57.0	1.5	13.4	60.0	1.78	22
29	AS29	2.00	-0.07	26.9	+0.39 -0.90	6.5	3.8	2.0	42.5	40.6	4.30	27.6	-0.25	2.15	0.70	2.1	10.40	56.5	1.5	13.3	62.2	1.78	22
30	AS30	2.00		27.9		6.5	4.1	2.0	43.5	41.6	5.00	28.6		2.15	0.70	2.1	10.70	57.0	1.5	13.6	64.4	1.78	21
32	AS32	2.00		29.6		6.5	4.1	2.5	45.5	43.3	5.40	30.3		2.15	0.85	2.5	12.90	57.0	1.5	13.6	77.8	1.78	20
33	AS33	2.00		30.5		6.7	4.0	2.5	46.9	44.7	5.20	31.3	-0.30	2.15	0.85	2.5	14.30	56.0	1.5	10.1	86.0	1.78	18
34	AS34	2.50	-0.08	31.5	+0.46 -1.10	6.6	4.2	2.5	47.9	45.7	6.80	32.3		2.65	0.85	2.8	16.40	87.0	1.5	15.6	99.0	2.78	18
35	AS35	2.50		32.2		6.7	4.2	2.5	48.9	46.4	7.10	33.0		2.65	1.00	3.0	17.80	86.0	1.5	15.4	107.0	2.78	17
36	AS36	2.50		33.0		6.7	4.2	2.5	49.9	47.2	7.50	33.8		2.65	1.00	3.3	20.10	101.5	2.0	18.3	121.0	2.04	16
38	AS38	2.50	-0.08	35.2	+0.39 -0.90	5.8	4.3	2.5	52.1	49.6	8.00	36.0	-0.25	2.65	1.00	3.3	21.20	101.0	2.0	18.6	127.0	2.04	15
40	AS40	2.50		36.5		7.0	4.4	2.5	55.0	51.5	8.20	37.5		2.65	1.25	3.8	25.30	104.0	2.0	19.3	152.0	2.04	14
42	AS42	2.50		38.5		7.2	4.5	2.5	57.4	53.9	9.60	39.5		2.65	1.25	3.8	26.70	102.0	2.0	19.2	160.0	2.04	13
44	AS44	2.50		40.5		7.2	4.5	2.5	59.4	55.9	10.40	41.5		2.65	1.25	3.8	27.90	101.0	2.0	19.1	168.0	2.04	12
45	AS45	2.50	-0.08	41.5	+0.46 -1.10	7.5	4.7	2.5	61.0	57.5	10.80	42.5	-0.30	2.65	1.25	3.8	28.60	100.0	2.0	19.1	172.0	2.04	11
48	AS48	2.50		44.5		7.8	5.0	2.5	64.6	61.1	12.20	45.5		2.65	1.25	3.8	30.70	101.0	2.0	19.5	184.0	2.04	10
50	AS50	3.00		45.8		8.0	5.1	2.5	67.0	63.0	14.80	47.0		3.15	1.50	4.5	38.20	165.0	2.0	32.4	229.0	2.25	11
52	AS52	3.00		47.8		8.2	5.2	2.5	69.4	65.4	15.40	49.0		3.15	1.50	4.5	39.70	165.0	2.5	26.0	238.0	2.25	10
55	AS55	3.00	-0.08	50.8	+0.46 -1.10	8.5	5.4	2.5	73.0	69.0	17.00	52.0		3.15	1.50	4.5	42.00	161.0	2.5	25.6	252.0	2.25	9
58	AS58	3.00		53.8		8.8	5.6	2.5	76.6	72.6	19.40	55.0	-0.30	3.15	1.50	4.5	44.30	160.0	2.5	26.0	266.0	2.25	8
60	AS60	3.00		55.8		9.0	5.8	2.5	79.0	75.0	20.00	57.0		3.15	1.50	4.5	46.00	156.0	2.5	25.4	276.0	2.25	8
65	AS65	4.00		60.8		9.3	6.3	3.0	84.6	80.6	31.00	62.0		4.15	1.50	4.5	49.80	346.0	2.5	58.0	299.0	2.56	7
70	AS70	4.00		65.5		9.5	6.6	3.0	90.0	86.0	32.20	67.0		4.15	1.50	4.5	53.80	343.0	2.5	59.0	323.0	2.56	7
75	AS75	4.00	-0.08	70.5		9.7	7.0	3.0	95.4	91.4	39.80	72.0		4.15	1.50	4.5	57.60	333.0	2.5	58.0	346.0	2.56	6



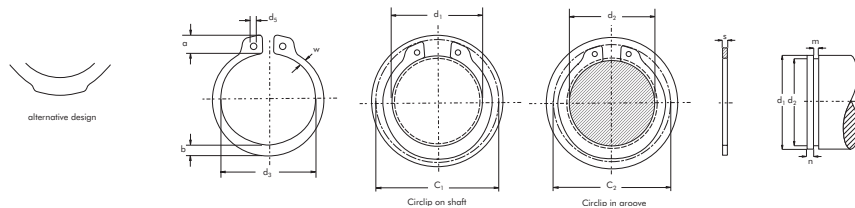
d ₁	D1460 AS											Groove				D A T A							
		s	Tolerance	d ₃	Tolerance	a max.	b ≈	d ₅ min.	C ₁	C ₂	Weight (kg/1000)	d ₂	Tolerance	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm ²)	B	n ^{det.} x1000 (rpm)
80	AS80	4.00	-0.10	74.5	+0.46	9.8	7.4	3.0	100.6	96.1	42.40	76.5	-0.30	4.15	1.75	5.3	71.60	328.0	3.0	50.0	430.0	2.56	6
85	AS85	4.00		79.5	-1.10	10.0	7.8	3.5	106.0	101.5	47.00	81.5	-0.30	4.15	1.75	5.3	76.30	383.0	3.0	59.4	458.0	1.78	6
90	AS90	4.00		84.5	+0.54 -1.30	10.2	8.2	3.5	111.4	106.9	55.60	86.5	-0.35	4.15	1.75	5.3	80.80	386.0	3.0	61.0	485.0	1.78	5
95	AS95	4.00		89.5		10.2	8.6	3.5	116.6	112.1	61.20	91.5	-0.35	4.15	1.75	5.3	85.50	378.0	3.5	52.0	513.0	1.78	5
100	AS100	4.00		94.5		10.5	9.0	3.5	122.0	117.5	72.00	96.5	-0.35	4.15	1.75	5.3	90.00	368.0	3.5	51.6	540.0	1.78	4



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d ₁	N1460 NAS												Groove					D A T A			
		s	Tolerance	d ₃	Tolerance	a max.	b ≈	w ~	d ₅ min.	C ₁	C ₂	Weight (lbs/1000)	d ₂	Tolerance	m	Tolerance	n min.	T _c	T _g		
0.500	NAS50	0.050	±0.002	0.460	+ .005 - .010	0.124	0.030	0.050	0.048	0.75	0.72	1.6	0.468	+.001/- .002	0.056	+.004 - .000	0.048	3500	450		
0.591	NAS59	0.050		0.543		0.134	0.104	0.057	0.048	0.86	0.83	2.2	0.555		0.056		0.054	4180	600		
0.625	NAS62	0.050		0.575		0.134	0.106	0.060	0.048	0.90	0.86	2.3	0.588	+.001 - .003	0.056		0.057	4420	670		
0.669	NAS66	0.050		0.616		0.134	0.114	0.062	0.048	0.94	0.90	2.6	0.629		0.056		0.060	4730	750		
0.750	NAS75	0.078		0.689		0.185	0.127	0.077	0.076	1.12	1.08	5.6	0.704		0.086		0.069	8270	975		
0.875	NAS87	0.078	±0.003	0.804		0.185	0.148	0.084	0.076	1.25	1.20	7.5	0.821		0.086	+.005 - .000	0.081	9650	1330		
0.984	NAS98	0.078		0.906		0.185	0.156	0.088	0.076	1.36	1.30	7.8	0.925		0.086		0.090	10800	1670		
1.000	NAS98	0.078		0.906		0.185	0.156	0.089	0.076	1.37	1.31	7.8	0.938		0.086		0.093	11000	1750		
1.062	NAS106	0.093		0.978		0.225	0.163	0.092	0.091	1.52	1.46	11.5	0.998	+.002 - .004	0.103		0.096	14000	1920		
1.125	NAS112	0.093		1.036		0.225	0.175	0.100	0.091	1.58	1.52	12.5	1.059		0.103		0.099	14800	2100		
1.181	NAS118	0.093		1.037	+ .010 - .015	0.225	0.176	0.098	0.091	1.64	1.57	13.5	1.111		0.103		0.105	15500	2340		
1.250	NAS125	0.093		1.150		0.225	0.185	0.103	0.091	1.70	1.63	14.9	1.174		0.103		0.114	16400	2690		
1.312	NAS131	0.093		1.208		0.225	0.196	0.110	0.091	1.77	1.69	16.0	1.234		0.103		0.117	17200	2890		
1.375	NAS137	0.093		1.268		0.225	0.200	0.110	0.091	1.83	1.75	17.8	1.291		0.103		0.126	18000	3260		
1.500	NAS150	0.109		1.380		0.285	0.205	0.105	0.107	2.08	1.98	27.0	1.406		0.120		0.141	19000	3990		
1.562	NAS156	0.109	±0.004	1.437	+ .013 - .020	0.285	0.205	0.110	0.093	2.14	2.05	31.0	1.468	+.003 - .004	0.120	+.005 - .000	0.141	20000	4150		
1.750	NAS175	0.109		1.608		0.295	0.205	0.111	0.093	2.34	2.25	33.4	1.650		0.120		0.150	22500	4950		
1.938	NAS193	0.125		1.782		0.320	0.256	0.121	0.123	2.58	2.48	48.0	1.826		0.139		0.178	28500	6140		
2.000	NAS200	0.125		1.840		0.320	0.256	0.122	0.123	2.64	2.53	50.0	1.880		0.139		0.180	29500	6780		



N1460/NAS

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