d_1	DIN 471 D1400 A	s	Δ	d_3	Δ	a *max.*	b ≈	d_5 *min.*	C_1	C_2	(kg/1000)	d_2	Δ	m *min.*	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
3	A3	0.40		2.7		1.9	0.8	1.0	7.0	6.6	0.017	2.8		0.50	0.10	0.3	0.1	0.47	0.5	0.27	0.9	2.06	360
4	A4	0.40		3.7	+0.04 −0.15	2.2	0.9	1.0	8.6	8.2	0.022	3.8	−0.04	0.50	0.10	0.3	0.2	0.50	0.5	0.30	1.2	1.93	211
5	A5	0.60		4.7		2.5	1.1	1.0	10.3	9.8	0.066	4.8		0.70	0.10	0.3	0.2	1.00	0.5	0.80	1.5	7.38	154
6	A6	0.70	−0.05	5.6		2.7	1.3	1.2	11.7	11.1	0.084	5.7		0.80	0.15	0.5	0.4	1.45	0.5	0.90	2.8	10.40	114
7	A7	0.80		6.5	+0.06 −0.18	3.1	1.4	1.2	13.5	12.9	0.121	6.7	−0.06	0.90	0.15	0.5	0.5	2.60	0.5	1.40	3.2	14.70	121
8	A8	0.80		7.4		3.2	1.5	1.2	14.7	14.0	0.158	7.6		0.90	0.20	0.6	0.8	3.00	0.5	2.00	4.9	14.20	96
9	A9	1.00		8.4		3.3	1.7	1.2	16.0	15.2	0.300	8.6		1.10	0.20	0.6	0.9	3.50	0.5	2.40	5.5	30.00	85
10	A10	1.00		9.3		3.3	1.8	1.5	17.0	16.2	0.340	9.6		1.10	0.20	0.6	1.0	4.00	1.0	2.40	6.2	28.20	84
11	A11	1.00		10.2		3.3	1.8	1.5	18.0	17.1	0.410	10.5		1.10	0.25	0.8	1.4	4.50	1.0	2.40	8.4	26.10	70
12	A12	1.00		11.0		3.3	1.8	1.7	19.0	18.1	0.500	11.5		1.10	0.25	0.8	1.5	5.00	1.0	2.40	9.2	24.00	75
13	A13	1.00		11.9		3.4	2.0	1.7	20.2	19.2	0.530	12.4		1.10	0.30	0.9	2.0	5.80	1.0	2.40	11.9	23.20	66
14	A14	1.00		12.9	+0.10 −0.36	3.5	2.1	1.7	21.4	20.4	0.640	13.4		1.10	0.30	0.9	2.1	6.40	1.0	2.40	12.9	22.90	58
15	A15	1.00		13.8		3.6	2.2	1.7	22.6	21.5	0.670	14.3	−0.11	1.10	0.35	1.1	2.6	6.90	1.0	2.40	16.1	21.60	50
16	A16	1.00		14.7		3.7	2.2	1.7	23.8	22.6	0.700	15.2		1.10	0.40	1.2	3.2	7.40	1.0	2.40	19.6	21.00	45
17	A17	1.00		15.7		3.8	2.3	1.7	25.0	23.8	0.820	16.2		1.10	0.40	1.2	3.4	8.00	1.0	2.40	20.8	21.60	41
18	A18	1.20		16.5		3.9	2.4	2.0	26.2	24.8	1.110	17.0		1.30	0.50	1.5	4.5	17.00	1.5	3.75	27.5	37.10	39
19	A19	1.20		17.5		3.9	2.5	2.0	27.2	25.8	1.220	18.0		1.30	0.50	1.5	4.8	17.00	1.5	3.80	29.1	36.40	35
20	A20	1.20		18.5		4.0	2.6	2.0	28.4	27.0	1.300	19.0		1.30	0.50	1.5	5.0	17.10	1.5	3.85	30.6	36.30	32
21	A21	1.20		19.5	+0.13 −0.42	4.1	2.7	2.0	29.6	28.2	1.420	20.0	−0.13	1.30	0.50	1.5	5.3	16.80	1.5	3.75	32.2	35.40	29
22	A22	1.20	−0.06	20.5		4.2	2.8	2.0	30.8	29.4	1.500	21.0		1.30	0.50	1.5	5.6	16.90	1.5	3.80	33.8	35.40	27
23	A23	1.20		21.5		4.3	2.9	2.0	32.0	30.6	1.630	22.0	−0.15	1.30	0.50	1.5	5.9	16.60	1.5	3.80	35.4	34.70	25
24	A24	1.20		22.2		4.4	3.0	2.0	33.2	31.7	1.770	22.9		1.30	0.55	1.7	6.7	16.10	1.5	3.65	40.5	33.40	27
25	A25	1.20		23.2		4.4	3.0	2.0	34.2	32.7	1.900	23.9		1.30	0.55	1.7	7.0	16.20	1.5	3.70	42.3	33.40	25
26	A26	1.20		24.2		4.5	3.1	2.0	35.5	33.9	1.960	24.9		1.30	0.55	1.7	7.3	16.10	1.5	3.70	44.0	32.90	24
27	A27	1.20		24.9		4.6	3.1	2.0	36.7	34.8	2.080	25.6		1.30	0.70	2.1	9.6	16.40	1.5	3.80	57.8	33.40	22
28	A28	1.50		25.9	+0.21 −0.42	4.7	3.2	2.0	37.9	36.0	2.920	26.6	−0.21	1.60	0.70	2.1	10.0	32.10	1.5	7.50	60.0	65.00	21
29	A29	1.50		26.9		4.8	3.4	2.0	39.1	37.2	3.200	27.6		1.60	0.70	2.1	10.3	31.80	1.5	7.45	62.0	64.00	20
30	A30	1.50		27.9		5.0	3.5	2.0	40.5	38.6	3.320	28.6		1.60	0.70	2.1	10.7	32.10	1.5	7.65	64.0	64.20	19
31	A31	1.50		28.6		5.1	3.5	2.5	41.7	40.9	3.450	29.3		1.60	0.85	2.6	13.4	31.50	2.0	5.60	81.0	62.80	18
32	A32	1.50		29.6		5.2	3.6	2.5	43.0	40.7	3.540	30.3		1.60	0.85	2.6	13.8	31.20	2.0	5.55	83.0	61.80	17
33	A33	1.50		30.5		5.2	3.7	2.5	44.0	41.7	3.690	31.3		1.60	0.85	2.6	14.3	31.60	2.0	5.65	86.0	62.20	17
34	A34	1.50		31.5	+0.25 −0.50	5.4	3.8	2.5	45.4	43.1	3.800	32.3	−0.25	1.60	0.85	2.6	14.7	31.30	2.0	5.60	88.0	61.30	16
35	A35	1.50		32.2		5.6	3.9	2.5	46.8	44.2	4.000	33.0		1.60	1.00	3.0	17.8	30.80	2.0	5.55	107.0	60.10	16
36	A36	1.75		33.2		5.6	4.0	2.5	47.8	45.2	5.000	34.0		1.85	1.00	3.0	18.3	49.40	2.0	9.00	110.0	95.80	15
37	A37	1.75		34.2		5.7	4.1	2.5	49.0	47.0	5.370	35.0		1.85	1.00	3.0	18.8	50.00	2.0	9.15	113.0	96.40	14

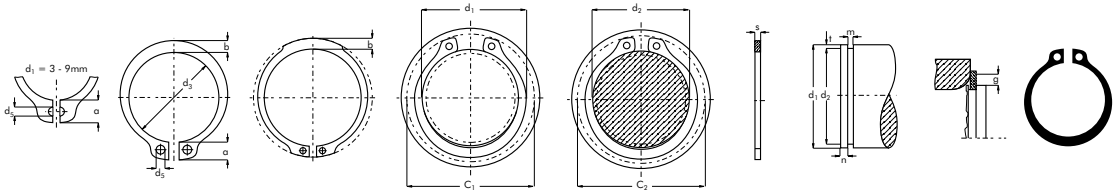
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura

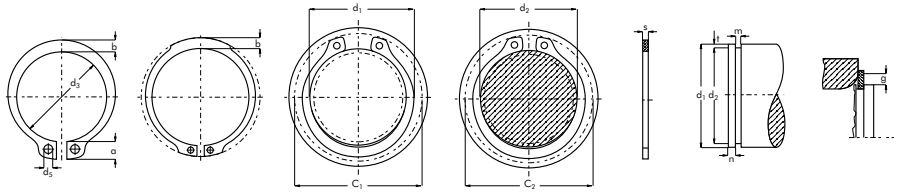


DIN 471/D1400/A

CIRTEQ

d_1	DIN 471 D1400 A	s	Δ	d_3	Δ	a max.	b ≈	d_5 min.	C_1	C_2	(kg/1000)	d_2	Δ	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
38	A38	1.75		35.2		5.8	4.2	2.5	50.2	47.6	5.620	36.0		1.85	1.00	3.0	19.3	49.5	2.0	9.10	116	95.0	14
39	A39	1.75		36.0	+0.25/−0.50	5.9	4.3	2.5	51.4	48.5	5.850	37.0		1.85	1.00	3.0	19.9	49.8	2.0	9.25	119	95.2	15
40	A40	1.75		36.5		6.0	4.4	2.5	52.6	49.5	6.030	37.5		1.85	1.25	3.8	25.3	51.0	2.0	9.50	152	97.0	14
41	A41	1.75		37.5		6.2	4.5	2.5	54.0	51.5	6.215	38.5		1.85	1.25	3.8	26.0	50.1	2.0	9.40	156	94.5	14
42	A42	1.75		38.5		6.5	4.5	2.5	55.7	52.5	6.500	39.5		1.85	1.25	3.8	26.7	50.0	2.0	9.45	160	93.7	13
44	A44	1.75	−0.06	40.5		6.6	4.6	2.5	57.9	55.4	7.000	41.5	−0.25	1.85	1.25	3.8	28.0	48.5	2.0	9.20	168	90.7	12
45	A45	1.75		41.5		6.7	4.7	2.5	59.1	55.9	7.500	42.5		1.85	1.25	3.8	28.6	49.0	2.0	9.35	172	91.0	11
46	A46	1.75		42.5	+0.39 −0.90	6.7	4.8	2.5	60.1	56.9	7.600	43.5		1.85	1.25	3.8	29.4	48.9	2.0	9.40	177	90.2	11
47	A47	1.75		43.5		6.8	4.9	2.5	61.3	58.1	7.500	44.5		1.85	1.25	3.8	30.0	49.5	2.0	9.55	180	90.7	11
48	A48	1.75		44.5		6.9	5.0	2.5	62.5	59.3	7.900	45.5		1.85	1.25	3.8	30.7	49.4	2.0	9.55	184	90.0	10
50	A50	2.00		45.8		6.9	5.1	2.5	64.5	60.8	10.20	47.0		2.15	1.50	4.5	38.0	73.3	2.0	14.40	228	133.0	11
52	A52	2.00		47.8		7.0	5.2	2.5	66.7	63.0	11.10	49.0		2.15	1.50	4.5	39.7	73.1	2.5	11.50	238	133.0	10
54	A54	2.00		49.8		7.1	5.3	2.5	69.0	65.2	11.30	51.0		2.15	1.50	4.5	41.2	71.2	2.5	11.30	247	129.0	9
55	A55	2.00		50.8		7.2	5.4	2.5	70.2	66.4	11.40	52.0		2.15	1.50	4.5	42.0	71.4	2.5	11.40	252	130.0	9
56	A56	2.00		51.8		7.3	5.5	2.5	71.6	67.6	11.80	53.0		2.15	1.50	4.5	42.8	70.8	2.5	11.30	257	129.0	9
57	A57	2.00		52.8		7.3	5.5	2.5	72.3	69.3	12.20	54.0		2.15	1.50	4.5	43.7	70.9	2.5	11.40	262	128.0	8
58	A58	2.00		53.8		7.3	5.6	2.5	73.6	69.6	12.60	55.0		2.15	1.50	4.5	44.3	71.1	2.5	11.50	266	129.0	8
60	A60	2.00		55.8		7.4	5.8	2.5	75.6	71.8	12.90	57.0		2.15	1.50	4.5	46.0	69.2	2.5	11.30	276	126.0	8
62	A62	2.00		57.8		7.5	6.0	2.5	77.8	74.0	14.30	59.0		2.15	1.50	4.5	47.5	69.3	2.5	11.40	285	126.0	7
63	A63	2.00	−0.07	58.8		7.6	6.2	2.5	79.0	75.2	15.90	60.0		2.15	1.50	4.5	48.3	70.2	2.5	11.60	290	126.0	7
65	A65	2.50		60.8		7.8	6.3	3.0	81.4	77.6	18.20	62.0	−0.30	2.65	1.50	4.5	49.8	135.0	2.5	22.70	299	245.0	7
67	A67	2.50		62.5	+0.46 −1.10	7.9	6.4	3.0	83.6	79.8	20.30	64.0		2.65	1.50	4.5	51.3	136.0	2.5	23.00	308	245.0	7
68	A68	2.50		63.5		8.0	6.5	3.0	84.4	81.0	21.80	65.0		2.65	1.50	4.5	52.2	135.0	2.5	23.10	313	244.0	7
70	A70	2.50		65.5		8.1	6.6	3.0	87.0	83.2	22.00	67.0		2.65	1.50	4.5	53.8	134.0	2.5	23.00	323	241.0	7
72	A72	2.50		67.5		8.2	6.8	3.0	89.2	85.4	22.50	69.0		2.65	1.50	4.5	55.3	131.0	2.5	22.80	332	236.0	6
75	A75	2.50		70.5		8.4	7.0	3.0	92.7	88.8	24.60	72.0		2.65	1.50	4.5	57.6	130.0	2.5	22.80	346	234.0	6
77	A77	2.50		72.5		8.5	7.2	3.0	94.9	91.0	25.70	74.0		2.65	1.50	4.5	59.3	131.0	3.0	19.70	356	238.0	6
78	A78	2.50		73.5		8.6	7.3	3.0	96.1	92.2	26.20	75.0		2.65	1.50	4.5	60.0	131.0	3.0	19.70	360	239.0	5
80	A80	2.50		74.5		8.6	7.4	3.0	98.1	93.7	27.30	76.5		2.65	1.75	5.3	71.6	128.0	3.0	19.50	430	236.0	6
82	A82	2.50		76.5		8.7	7.6	3.0	100.3	95.9	31.20	78.5		2.65	1.75	5.3	73.5	128.0	3.0	19.60	441	237.0	6
85	A85	3.00		79.5		8.7	7.8	3.5	103.3	98.9	36.40	81.5		3.15	1.75	5.3	76.2	215.0	3.0	33.40	457	405.0	6
87	A87	3.00	−0.08	81.5		8.8	7.9	3.5	105.5	100.9	39.80	83.5		3.15	1.75	5.3	78.2	222.0	3.0	34.80	469	405.0	5
88	A88	3.00		82.5	+0.54 −1.30	8.8	8.0	3.5	106.5	102.0	41.20	84.5	−0.35	3.15	1.75	5.3	79.0	221.0	3.0	34.80	474	406.0	5
90	A90	3.00		84.5		8.8	8.2	3.5	108.5	104.0	44.50	86.5		3.15	1.75	5.3	80.0	217.0	3.0	34.40	485	401.0	5
92	A92	3.00		86.5		9.0	8.4	3.5	110.9	107.4	46.00	88.5		3.15	1.75	5.3	82.0	217.0	3.5	29.60	496	404.0	5

Part Number Référence Teile Nummer Referencia de pieza — **Tolerance** Tolérance Toleranz Tolerancia — **Weight** Masse Gewicht Peso — **Ring** Anneau/Circlips Ring Anillo — **Groove** Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

d_1	DIN 471 D1400 A	s	Δ	d_3	Δ	a *max.*	b ≈	d_5 *min.*	C_1	C_2	(kg/1000)	d_2	Δ	m *min.*	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
95	A95	3.00	−0.08	89.5		9.4	8.6	3.5	114.8	111.0	49.0	91.5	−0.35	3.15	1.75	5.3	85.0	212	3.5	29.20	513	400	5
97	A97	3.00		91.5		9.4	8.8	3.5	116.7	113.2	50.2	93.5		3.15	1.75	5.3	87.0	211	3.5	29.40	524	401	4
98	A97	3.00		91.5		9.4	8.8	3.5	118.6	114.0	50.2	94.5		3.15	1.75	5.3	88.0	208	3.5	29.00	529	397	4
100	A100	3.00		94.5		9.6	9.0	3.5	120.2	116.0	53.7	96.5		3.15	1.75	5.3	90.0	206	3.5	29.00	540	397	4
102	A102	4.00		95.0		9.7	9.2	3.5	122.4	118.0	78.0	98.0		4.15	2.00	6.0	104.0	482	3.5	68.50	628	935	5
105	A105	4.00		98.0		9.9	9.3	3.5	126.2	122.0	80.0	101.0		4.15	2.00	6.0	107.0	471	3.5	67.70	646	925	5
107	A107	4.00		100.0		10.0	9.5	3.5	128.0	124.0	81.0	103.0		4.15	2.00	6.0	110.0	465	3.5	67.30	660	920	5
108	A107	4.00		100.0		10.0	9.5	3.5	129.0	124.0	81.0	104.0		4.15	2.00	6.0	111.0	459	3.5	66.30	666	912	4
110	A110	4.00		103.0	+0.54	10.1	9.6	3.5	131.2	127.0	82.0	106.0		4.15	2.00	6.0	113.0	457	3.5	66.90	678	914	4
112	A112	4.00		105.0	−1.30	10.3	9.7	3.5	133.6	129.6	83.0	108.0	−0.54	4.15	2.00	6.0	115.0	451	3.5	66.60	690	910	4
115	A115	4.00		108.0		10.6	9.8	3.5	137.3	133.0	84.0	111.0		4.15	2.00	6.0	118.0	438	3.5	65.50	709	894	4
117	A117	4.00		110.0		10.8	10.0	3.5	139.7	135.7	85.0	113.0		4.15	2.00	6.0	120.0	437	3.5	65.60	722	899	4
118	A117	4.00		110.0		10.8	10.0	3.5	140.7	136.7	85.0	114.0		4.15	2.00	6.0	121.0	430	3.5	64.80	728	887	4
120	A120	4.00		113.0		11.0	10.2	3.5	143.1	138.0	86.0	116.0		4.15	2.00	6.0	123.0	424	3.5	64.50	741	882	4
122	A122	4.00		115.0		11.2	10.3	4.0	145.5	141.5	88.0	118.0		4.15	2.00	6.0	125.0	418	4.0	56.60	753	875	4
125	A125	4.00		118.0		11.4	10.4	4.0	149.0	144.0	90.0	121.0		4.15	2.00	6.0	128.0	411	4.0	56.50	772	870	3
127	A127	4.00		120.0		11.4	10.5	4.0	150.9	146.8	95.0	123.0		4.15	2.00	6.0	130.0	407	4.0	56.10	785	868	3
128	A127	4.00		120.0		11.4	10.5	4.0	151.9	147.9	95.0	124.0		4.15	2.00	6.0	131.0	401	4.0	55.60	791	859	3
130	A130	4.00		123.0		11.6	10.7	4.0	154.4	150.0	100.0	126.0		4.15	2.00	6.0	134.0	395	4.0	55.20	804	852	3
132	A132	4.00	−0.10	125.0		11.7	10.8	4.0	156.6	152.6	103.0	128.0		4.15	2.00	6.0	136.0	396	4.0	55.60	816	859	3
135	A135	4.00		128.0		11.8	11.0	4.0	159.8	155.0	104.0	131.0		4.15	2.00	6.0	139.0	389	4.0	55.40	835	854	3
137	A137	4.00		130.0		11.9	11.0	4.0	162.0	158.0	107.0	133.0		4.15	2.00	6.0	141.0	380	4.0	54.40	848	840	3
138	A137	4.00		130.0		11.9	11.0	4.0	163.0	159.0	107.0	134.0		4.15	2.00	6.0	142.0	381	4.0	54.70	854	845	3
140	A140	4.00		133.0		12.0	11.2	4.0	165.2	160.0	110.0	136.0		4.15	2.00	6.0	144.0	376	4.0	54.40	867	840	3
142	A142	4.00		135.0		12.1	11.3	4.0	167.4	163.4	112.0	138.0	−0.63	4.15	2.00	6.0	146.0	370	4.0	54.00	880	833	3
145	A145	4.00		138.0	+0.63	12.2	11.5	4.0	170.6	166.0	115.0	141.0		4.15	2.00	6.0	149.0	367	4.0	53.80	898	833	3
147	A147	4.00		140.0	−1.50	12.3	11.6	4.0	172.8	168.8	116.0	143.0		4.15	2.00	6.0	151.0	361	4.0	53.50	910	826	3
148	A147	4.00		140.0		12.3	11.6	4.0	173.8	169.8	116.0	144.0		4.15	2.00	6.0	152.0	357	4.0	53.00	916	820	2
150	A150	4.00		142.0		13.0	11.8	4.0	177.3	171.0	120.0	145.0		4.15	2.50	7.5	193.0	357	4.0	53.40	1158	825	2
152	A152	4.00		143.0		13.0	11.9	4.0	179.3	174.3	128.0	147.0		4.15	2.50	7.5	195.0	356	4.0	53.10	1174	822	3
155	A155	4.00		146.0		13.0	12.0	4.0	182.3	176.0	135.0	150.0		4.15	2.50	7.5	199.0	352	4.0	52.60	1198	814	3
157	A157	4.00		148.0		13.1	12.0	4.0	184.5	179.5	140.0	152.0		4.15	2.50	7.5	202.0	352	4.0	52.50	1212	814	3
158	A157	4.00		148.0		13.1	12.0	4.0	185.5	180.5	140.0	153.0		4.15	2.50	7.5	203.0	353	4.0	52.70	1221	815	3
160	A160	4.00		151.0		13.3	12.2	4.0	188.0	182.0	150.0	155.0		4.15	2.50	7.5	206.0	349	4.0	52.50	1237	806	3
162	A162	4.00		152.5		13.3	12.3	4.0	189.9	184.9	155.0	157.0		4.15	2.50	7.5	208.0	348	5.0	41.70	1251	804	3

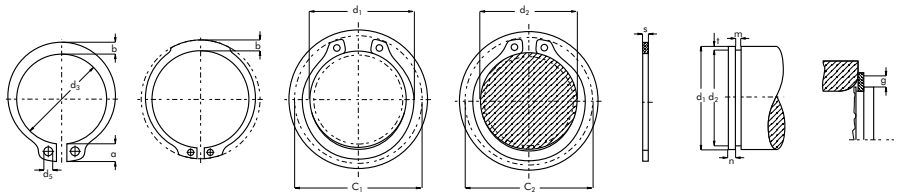
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

d_1	DIN 471 D1400 A	s	Δ	d_3	Δ	a max.	b ≈	d_5 min.	C_1	C_2	(kg/1000)	d_2	Δ	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
165	A165	4.00		155.5		13.5	12.5	4.0	193.5	187.0	160.0	160.0		4.15	2.50	7.5	212.0	345	5.0	41.40	1275	797	3
167	A167	4.00		157.5		13.5	12.9	4.0	195.3	190.3	163.0	162.0		4.15	2.50	7.5	215.0	354	5.0	42.50	1291	819	3
168	A167	4.00		157.5		13.5	12.9	4.0	196.3	191.3	163.0	163.0		4.15	2.50	7.5	216.0	353	5.0	42.40	1300	815	2
170	A170	4.00		160.5		13.5	12.9	4.0	198.4	192.0	170.0	165.0		4.15	2.50	7.5	219.0	349	5.0	41.90	1315	806	2
172	A172	4.00		160.5		13.5	12.9	4.0	200.4	195.3	170.0	167.0		4.15	2.50	7.5	221.0	344	5.0	41.30	1330	795	2
175	A175	4.00		165.5	+0.63	13.5	12.9	4.0	203.4	197.0	180.0	170.0	−0.63	4.15	2.50	7.5	225.0	340	5.0	40.70	1353	785	2
177	A177	4.00		167.5	−1.50	14.2	13.5	4.0	206.8	202.0	183.0	172.0		4.15	2.50	7.5	228.0	335	5.0	40.20	1370	774	2
178	A177	4.00		167.5		14.2	13.5	4.0	207.8	203.0	183.0	173.0		4.15	2.50	7.5	229.0	349	5.0	42.00	1378	807	2
180	A180	4.00		170.5		14.2	13.5	4.0	210.0	204.0	190.0	175.0		4.15	2.50	7.5	232.0	345	5.0	41.40	1393	797	2
182	A180	4.00	−0.10	170.5		14.2	13.5	4.0	211.8	207.0	190.0	177.0		4.15	2.50	7.5	235.0	341	5.0	41.00	1410	789	2
185	A185	4.00		175.5		14.2	13.5	4.0	215.2	209.0	200.0	180.0		4.15	2.50	7.5	238.0	336	5.0	40.40	1432	777	2
187	A187	4.00		177.5		14.2	14.0	4.0	216.8	212.0	203.0	182.0		4.15	2.50	7.5	241.0	338	5.0	40.50	1449	781	2
188	A187	4.00		177.5		14.2	14.0	4.0	217.8	213.0	203.0	183.0		4.15	2.50	7.5	242.0	337	5.0	40.60	1457	779	2
190	A190	4.00		180.5		14.2	14.0	4.0	220.0	214.0	210.0	185.0		4.15	2.50	7.5	245.0	333	5.0	40.00	1471	770	3
192	A190	4.00		180.5		14.2	14.0	4.0	221.8	217.0	210.0	187.0		4.15	2.50	7.5	248.0	330	5.0	39.60	1488	763	3
195	A195	4.00		185.5		14.2	14.0	4.0	225.0	219.0	220.0	190.0		4.15	2.50	7.5	251.0	325	5.0	39.00	1511	751	2
197	A197	4.00		187.5		14.2	14.0	4.0	226.8	222.0	223.0	192.0		4.15	2.50	7.5	254.0	322	5.0	38.60	1528	744	2
198	A197	4.00		187.5		14.2	14.0	4.0	227.8	223.0	223.0	193.0		4.15	2.50	7.5	255.0	322	5.0	38.70	1535	739	2
200	A200	4.00		190.5		14.2	14.0	4.0	230.0	224.0	230.0	195.0		4.15	2.50	7.5	258.0	319	5.0	38.30	1550	731	2
202	A202	5.00		190.0		14.2	14.0	4.0	231.8	226.0	235.0	196.0		5.15	3.00	9.0	312.0	624	6.0	62.50	1875	1430	2
205	A205	5.00		193.0		14.2	14.0	4.0	235.0	228.0	243.0	199.0		5.15	3.00	9.0	317.0	611	6.0	61.30	1905	1401	2
207	A205	5.00		193.0		14.2	14.0	4.0	236.8	231.0	243.0	201.0		5.15	3.00	9.0	320.0	608	6.0	60.90	1921	1392	2
208	A205	5.00		193.0		14.2	14.0	4.0	237.8	232.0	243.0	202.0	−0.72	5.15	3.00	9.0	321.0	605	6.0	60.50	1930	1385	2
210	A210	5.00		198.0		14.2	14.0	4.0	240.0	233.0	248.0	204.0		5.15	3.00	9.0	325.0	598	6.0	59.90	1951	1370	2
212	A210	5.00		198.0	+0.72	14.2	14.0	4.0	241.8	236.0	248.0	206.0		5.15	3.00	9.0	328.0	593	6.0	59.50	1969	1359	2
215	A215	5.00		203.0	−1.70	14.2	14.0	4.0	244.8	239.0	260.0	209.0		5.15	3.00	9.0	332.0	585	6.0	58.50	1997	1340	2
217	A215	5.00	−0.12	203.0		14.2	14.0	4.0	246.8	241.0	260.0	211.0		5.15	3.00	9.0	336.0	580	6.0	58.10	2018	1330	2
218	A215	5.00		203.0		14.2	14.0	4.0	247.8	242.0	260.0	212.0		5.15	3.00	9.0	337.0	577	6.0	57.80	2024	1322	2
220	A220	5.00		208.0		14.2	14.0	4.0	250.0	243.0	265.0	214.0		5.15	3.00	9.0	340.0	572	6.0	57.30	2045	1311	2
222	A220	5.00		208.0		14.2	14.0	4.0	251.8	246.0	265.0	216.0		5.15	3.00	9.0	343.0	567	6.0	56.80	2062	1300	2
225	A225	5.00		213.0		14.2	14.0	4.0	255.0	249.0	280.0	219.0		5.15	3.00	9.0	349.0	559	6.0	56.00	2095	1282	2
227	A225	5.00		213.0		14.2	14.0	4.0	257.0	251.0	280.0	221.0		5.15	3.00	9.0	351.0	555	6.0	55.50	2110	1271	1
228	A225	5.00		213.0		14.2	14.0	4.0	258.0	252.0	280.0	222.0		5.15	3.00	9.0	353.0	552	6.0	55.40	2120	1265	1
230	A230	5.00		218.0		14.2	14.0	4.0	260.0	253.0	290.0	224.0		5.15	3.00	9.0	356.0	548	6.0	55.00	2140	1257	1
232	A230	5.00		218.0		14.2	14.0	4.0	262.0	256.0	290.0	226.0		5.15	3.00	9.0	359.0	543	6.0	54.50	2155	1243	1

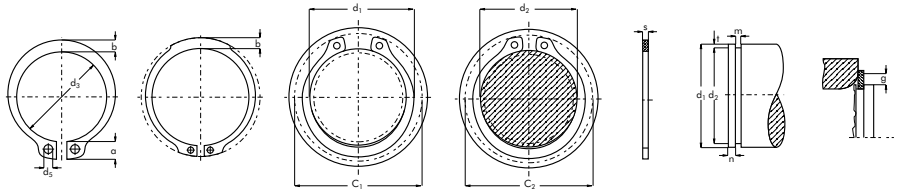
Part Number
Référence Teile Nummer Referencia de pieza

Tolerance
Tolérance Toleranz Tolerancia

Weight
Masse Gewicht Peso

Ring
Anneau/Circlips Ring Anillo

Groove
Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

d_1	DIN 471 D1400 A	s	Δ	d_3	Δ	a *max.*	b ≈	d_5 *min.*	C_1	C_2	(kg/1000)	d_2	Δ	m *min.*	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
235	A235	5.00		223.0		14.2	14.0	4.0	265.0	259.0	305	229		5.15	3.00	9.0	364	537	6.0	53.80	2185	1230	1
237	A235	5.00		223.0		14.2	14.0	4.0	267.0	261.0	305	231		5.15	3.00	9.0	367	532	6.0	53.40	2202	1220	1
238	A235	5.00		223.0		14.2	14.0	4.0	268.0	262.0	305	232		5.15	3.00	9.0	369	530	6.0	53.00	2215	1214	1
240	A240	5.00		228.0		14.2	14.0	4.0	270.0	263.0	310	234		5.15	3.00	9.0	372	530	6.0	53.00	2236	1214	1
242	A240	5.00		228.0		14.2	14.0	4.0	272.0	266.0	310	236		5.15	3.00	9.0	375	520	6.0	52.20	2250	1193	1
245	A245	5.00		233.0		14.2	14.0	4.0	275.0	269.0	325	239		5.15	3.00	9.0	380	515	6.0	51.50	2280	1180	1
247	A245	5.00		233.0		14.2	14.0	4.0	277.0	271.0	325	241	−0.72	5.15	3.00	9.0	383	511	6.0	51.20	2300	1171	1
248	A245	5.00		233.0		14.2	14.0	4.0	278.0	272.0	325	242		5.15	3.00	9.0	385	508	6.0	50.90	2310	1164	1
250	A250	5.00		238.0	+0.72 −1.70	14.2	14.0	4.0	280.0	273.0	335	244		5.15	3.00	9.0	388	504	6.0	50.50	2330	1155	1
252	A250	5.00		238.0		16.2	16.0	5.0	286.0	278.0	335	244		5.15	4.00	12.0	519	563	6.0	56.40	3115	1290	1
255	A255	5.00		240.0		16.2	16.0	5.0	289.0	281.0	348	247		5.15	4.00	12.0	525	557	6.0	55.70	3150	1276	1
257	A255	5.00		240.0		16.2	16.0	5.0	291.0	283.0	348	249		5.15	4.00	12.0	529	551	6.0	55.20	3175	1264	1
258	A255	5.00		240.0		16.2	16.0	5.0	292.0	284.0	348	250		5.15	4.00	12.0	531	550	6.0	55.10	3190	1260	1
260	A260	5.00		245.0		16.2	16.0	5.0	294.0	285.0	355	252		5.15	4.00	12.0	535	540	6.0	54.60	3215	1250	1
262	A260	5.00		245.0		16.2	16.0	5.0	296.0	288.0	355	254		5.15	4.00	12.0	540	542	6.0	54.40	3240	1242	1
265	A265	5.00		250.0		16.2	16.0	5.0	299.0	291.0	370	257		5.15	4.00	12.0	546	536	6.0	53.70	3280	1228	1
267	A265	5.00	−0.12	250.0		16.2	16.0	5.0	301.0	293.0	370	259		5.15	4.00	12.0	550	532	6.0	53.30	3300	1219	1
268	A265	5.00		250.0		16.2	16.0	5.0	302.0	294.0	370	260		5.15	4.00	12.0	553	529	6.0	53.00	3320	1213	1
270	A270	5.00		255.0		16.2	16.0	5.0	304.0	295.0	375	262		5.15	4.00	12.0	556	525	6.0	52.50	3340	1203	1
272	A270	5.00		255.0		16.2	16.0	5.0	306.0	298.0	375	264		5.15	4.00	12.0	560	522	6.0	52.00	3365	1196	1
275	A275	5.00		260.0		16.2	16.0	5.0	309.0	301.0	390	267		5.15	4.00	12.0	566	516	6.0	51.00	3400	1183	1
277	A275	5.00		260.0		16.2	16.0	5.0	311.0	303.0	390	269		5.15	4.00	12.0	571	513	6.0	51.00	3430	1175	1
278	A275	5.00		260.0		16.2	16.0	5.0	312.0	304.0	390	270		5.15	4.00	12.0	574	510	6.0	51.00	3445	1170	
280	A280	5.00		265.0		16.2	16.0	5.0	314.0	305.0	398	272	−0.81	5.15	4.00	12.0	576	508	6.0	50.00	3460	1164	1
282	A280	5.00		265.0		16.2	16.0	5.0	316.0	308.0	398	274		5.15	4.00	12.0	580	503	6.0	50.00	3485	1152	1
285	A285	5.00		270.0	+0.81 −2.00	16.2	16.0	5.0	319.0	311.0	410	277		5.15	4.00	12.0	587	499	6.0	50.00	3525	1143	1
287	A285	5.00		270.0		16.2	16.0	5.0	321.0	313.0	410	279		5.15	4.00	12.0	591	494	6.0	49.00	3550	1133	1
288	A285	5.00		270.0		16.2	16.0	5.0	322.0	314.0	410	280		5.15	4.00	12.0	594	493	6.0	49.00	3565	1131	1
290	A290	5.00		275.0		16.2	16.0	5.0	324.0	315.0	418	282		5.15	4.00	12.0	599	490	6.0	49.00	3595	1124	1
292	A290	5.00		275.0		16.2	16.0	5.0	326.0	318.0	418	284		5.15	4.00	12.0	603	487	6.0	48.00	3620	1116	1
295	A295	5.00		280.0		16.2	16.0	5.0	329.0	321.0	430	287		5.15	4.00	12.0	609	481	6.0	48.00	3655	1103	1
297	A295	5.00		280.0		16.2	16.0	5.0	331.0	323.0	430	289		5.15	4.00	12.0	613	479	6.0	48.00	3680	1098	1
298	A295	5.00		280.0		16.2	16.0	5.0	332.0	324.0	430	290		5.15	4.00	12.0	615	476	6.0	47.00	3695	1092	1
300	A300	5.00		285.0		16.2	16.0	5.0	334.0	325.0	440	292		5.15	4.00	12.0	619	475	6.0	47.00	3715	1088	1
305	A305	6.00	−0.15	288.0			16.0	6.0	339.0	329.0	738	295		6.20	5.00	15.0	768	768	7.0	68.00	4712	2374	1

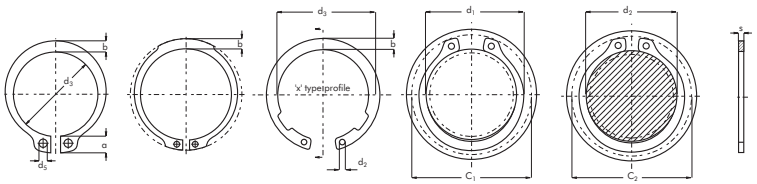
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

		Ring							Groove				DATA							
d_1	D1400 A	s	Δ	d_3	Δ	b ≈	d_5 min.	(kg/1000)	d_2	Δ	m min.	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
310	A310	6.00		293.0		16.0	6.0	750	300		6.20	5.00	15.0	796	756	7.0	67.00	4780	2329	1.0
315	A315	6.00		298.0		16.0	6.0	760	305	−0.81	6.20	5.00	15.0	811	744	7.0	66.00	4869	2307	1.0
320	A320	6.00		303.0	+0.81 −2.00	16.0	6.0	770	310		6.20	5.00	15.0	825	732	7.0	65.00	4950	2264	1.0
325	A325	6.00		308.0		16.0	6.0	787	315		6.20	5.00	15.0	837	721	7.0	64.00	5027	2233	1.0
330	A330	6.00		313.0		16.0	6.0	800	320		6.20	5.00	15.0	850	710	7.0	63.00	5100	2195	1.0
335	A335	6.00		318.0		16.0	6.0	826	325		6.20	5.00	15.0	864	700	7.0	62.00	5184	2166	1.0
340	A340	6.00		323.0		16.0	6.0	840	330		6.20	5.00	15.0	876	689	7.0	61.00	5260	2136	1.0
345	A345	6.00		328.0		16.0	6.0	845	335		6.20	5.00	15.0	890	679	7.0	60.00	5341	2102	1.0
350	A350	6.00		333.0		16.0	6.0	850	340		6.20	5.00	15.0	903	670	7.0	59.00	5420	2074	1.0
355	A355	6.00		338.0		16.0	6.0	865	345		6.20	5.00	15.0	916	660	7.0	59.00	5498	2048	1.0
360	A360	6.00		343.0		16.0	6.0	880	350		6.20	5.00	15.0	928	651	7.0	58.00	5570	2017	1.0
365	A365	6.00		348.0		16.0	6.0	885	355	−0.89	6.20	5.00	15.0	942	642	7.0	57.00	5655	1990	1.0
370	A370	6.00		353.0	+0.90	16.0	6.0	890	360		6.20	5.00	15.0	955	634	7.0	56.00	5730	1962	1.0
375	A375	6.00		358.0	−2.00	16.0	6.0	910	365		6.20	5.00	15.0	968	625	7.0	55.00	5812	1943	1.0
380	A380	6.00		363.0		16.0	6.0	930	370		6.20	5.00	15.0	980	617	7.0	55.00	5880	1909	1.0
385	A385	6.00		368.0		16.0	6.0	940	375		6.20	5.00	15.0	994	609	7.0	54.00	5969	1886	1.0
390	A390	6.00		373.0		16.0	6.0	950	380		6.20	5.00	15.0	1008	601	7.0	53.00	6050	1865	1.0
395	A395	6.00	−0.15	378.0		16.0	6.0	990	385		6.20	5.00	15.0	1021	594	7.0	53.00	6126	1841	1.0
400	A400	6.00		383.0		16.0	6.0	1040	390		6.20	5.00	15.0	1033	586	7.0	52.00	6200	1817	1.0
410	A410	7.00		390.0		23.0	6.0	1320	398		7.20	6.00	18.0	1269	1264	7.0	112.00	7615	3701	1.0
420	A420	7.00		400.0		23.0	6.0	1360	408		7.20	6.00	18.0	1300	1234	7.0	109.00	7803	3595	1.0
430	A430	7.00		410.0		23.0	6.0	1390	418		7.20	6.00	18.0	1332	1206	7.0	107.00	7992	3527	1.0
440	A440	7.00		420.0		23.0	6.0	1420	428		7.20	6.00	18.0	1363	1178	7.0	104.00	8181	3448	1.0
450	A450	7.00		430.0		23.0	6.0	1450	438		7.20	6.00	18.0	1393	1153	7.0	102.00	8360	3373	1.0
460	A460	7.00		440.0		23.0	6.0	1520	448		7.20	6.00	18.0	1426	1128	7.0	100.00	8557	3305	1.0
470	A470	7.00		450.0	+1.00	23.0	6.0	1590	458		7.20	6.00	18.0	1457	1104	7.0	98.00	8746	3237	1.0
480	A480	7.00		460.0	−2.00	23.0	6.0	1660	468		7.20	6.00	18.0	1489	1081	7.0	96.00	8935	3169	0.5
490	A490	7.00		470.0		23.0	6.0	1725	478		7.20	6.00	18.0	1520	1059	7.0	94.00	9123	3105	0.5
500	A500	7.00		480.0		23.0	6.0	1790	488	−1.00	7.20	6.00	18.0	1550	1038	7.0	92.00	9300	3044	0.5
510	A510	8.00		485.0		23.0	6.0	2300	496		8.20	7.00	21.0	1843	1526	7.0	135.00	11061	4471	1.0
520	A520	8.00		495.0		23.0	6.0	2350	506		8.20	7.00	21.0	1880	1497	7.0	133.00	11282	4387	0.5
530	A530	8.00		505.0		23.0	6.0	2400	516		8.20	7.00	21.0	1916	1469	7.0	130.00	11501	4302	0.5
540	A540	8.00		515.0	+1.50	23.0	6.0	2445	526		8.20	7.00	21.0	1953	1441	7.0	128.00	11721	4229	0.4
550	A550	8.00		525.0	−3.00	23.0	6.0	2490	536		8.20	7.00	21.0	1986	1415	7.0	125.00	11920	4150	0.4
560	A560	8.00		535.0		23.0	6.0	2580	546		8.20	7.00	21.0	2026	1390	7.0	123.00	12161	4071	0.4

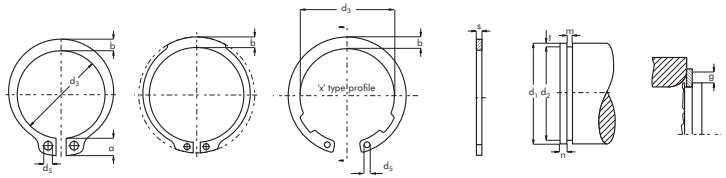
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

													DATA							
d_1	D1400 A	s	Δ	d_3	Δ	b ≈	d_5 *min.*	(kg/1000)	d_2	Δ	m *min.*	t	n	FN (kN)	FR (kN)	g	FRg (kN)	AN (mm^2)	B	$n_{det.}$ x1000 (rpm)
570	A570	8.00	−0.15	545.0	+1.50 −3.00	23.0	6.0	2670	556	−1.00	8.20	7.00	21.0	2063	1366	7.0	121.00	12381	4009	0.40
580	A580	8.00		555.0		23.0	6.0	2760	566		8.20	7.00	21.0	2100	1342	7.0	119.00	12601	3936	0.40
590	A590	8.00		565.0		23.0	6.0	2840	576		8.20	7.00	21.0	2136	1320	7.0	117.00	12821	3869	0.40
600	A600	8.00		575.0		23.0	6.0	2920	586		8.20	7.00	21.0	2170	1298	7.0	115.00	13030	3807	0.30
650	A650	9.00		620.0		23.0	6.0	3770	634		9.30	8.00	24.0	2640	1712	7.0	152.00	15860	6447	0.40
700	A700	9.00	−0.20	670.0		23.0	6.0	4070	684		9.30	8.00	24.0	2890	1589	7.0	141.00	17350	5990	0.30
750	A750	9.00		715.0		23.0	9.0	4640	732		9.30	9.00	27.0	3490	1487	7.0	132.00	20950	5606	0.19
800	A800	9.00		765.0		23.0	9.0	5330	782		9.30	9.00	27.0	3730	1394	7.0	123.00	22380	5261	0.30
850	A850	9.00		810.0		23.0	9.0	6030	830		9.30	10.00	30.0	4400	1315	7.0	116.00	26400	4956	0.30
900	A900	9.00		860.0	+2.00 −4.00	23.0	9.0	6640	880		9.30	10.00	30.0	4650	1242	7.0	110.00	27950	4684	0.20
950	A950	9.00		900.00		23.0	9.0	7260	928		9.30	11.00	33.0	5400	1179	7.0	104.00	32450	4451	0.20
1000	A1000	9.00		950.00		23.0	9.0	8130	978		9.30	11.00	33.0	5700	1119	7.0	99.00	34200	4235	0.20

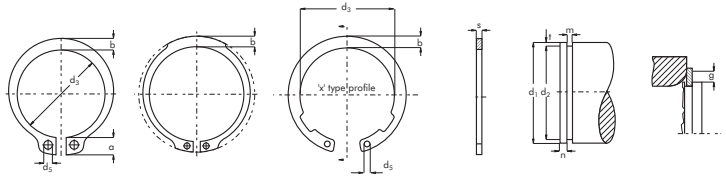
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



DIN 471/D1400/A

CIRTEQ

Circlips pour arbres cote pouce **Sicherungsringe für Wellen Zoll-Standard** Anillos para ejes pulgadas standard **RINGS FOR SHAFTS INCH STANDARD**

d_1	N1400 NA	s	Δ	d_3	Δ	a *max.*	b ≈	w ~	d_5 *min.*	C_1	C_2	(lbs/1000)	d_2	Δ	m	Δ	n *min.*	DATA Tc	DATA Tg
0.125	NA12	0.010	±0.001	0.112		0.048	0.018	0.011	0.024	0.22	0.214	0.018	0.117		0.012		0.014	110	28
0.156	NA15	0.010		0.142		0.056	0.026	0.016	0.024	0.27	0.260	0.037	0.146		0.012		0.017	130	44
0.188	NA18	0.015		0.168		0.052	0.025	0.016	0.023	0.30	0.286	0.059	0.175		0.018	+.002 −.000	0.022	240	69
0.197	NA19	0.015		0.179	+.002 −.004	0.058	0.026	0.016	0.024	0.32	0.307	0.063	0.185	±.0015	0.018		0.020	250	67
0.219	NA21	0.015		0.196		0.058	0.028	0.017	0.024	0.34	0.324	0.074	0.205		0.018		0.023	280	87
0.236	NA23	0.015		0.215		0.058	0.030	0.019	0.024	0.36	0.341	0.086	0.222		0.018		0.023	310	93
0.250	NA25	0.025		0.225		0.083	0.035	0.025	0.039	0.45	0.430	0.210	0.230		0.029		0.032	880	141
0.276	NA27	0.025		0.250		0.084	0.035	0.024	0.039	0.48	0.460	0.250	0.255		0.029		0.035	980	164
0.281	NA28	0.025		0.256		0.083	0.038	0.025	0.039	0.49	0.470	0.240	0.261		0.029		0.033	990	160
0.312	NA31	0.025		0.281		0.090	0.040	0.026	0.039	0.54	0.520	0.270	0.290		0.029		0.036	1100	194
0.344	NA34	0.025		0.309		0.090	0.042	0.026	0.039	0.57	0.550	0.310	0.321		0.029		0.038	1210	224
0.354	NA35	0.025		0.320	+.002 −.005	0.090	0.046	0.029	0.039	0.59	0.570	0.350	0.330		0.029		0.038	1250	240
0.375	NA37	0.025		0.338		0.091	0.050	0.030	0.039	0.61	0.590	0.390	0.352		0.029		0.038	1320	244
0.394	NA39	0.025		0.354		0.090	0.052	0.031	0.039	0.62	0.600	0.420	0.369	±.002	0.029		0.041	1390	278
0.406	NA40	0.025		0.366		0.090	0.054	0.033	0.039	0.63	0.610	0.430	0.382		0.029		0.039	1430	275
0.438	NA43	0.025		0.395		0.091	0.055	0.033	0.039	0.66	0.640	0.500	0.412		0.029		0.042	1550	322
0.469	NA46	0.025		0.428		0.091	0.060	0.035	0.039	0.68	0.660	0.540	0.443		0.029		0.042	1660	345
0.500	NA50	0.035		0.461		0.111	0.065	0.040	0.045	0.77	0.740	0.910	0.468		0.039	+.003	0.051	2470	452
0.551	NA55	0.035	±0.002	0.509		0.111	0.053	0.036	0.045	0.81	0.780	0.900	0.519		0.039	−.000	0.051	2730	500
0.561	NA56	0.035		0.521		0.111	0.072	0.041	0.045	0.82	0.790	1.100	0.530		0.039		0.051	2780	508
0.594	NA59	0.035		0.550		0.112	0.076	0.043	0.045	0.86	0.830	1.200	0.559		0.039		0.057	2940	588
0.625	NA62	0.035		0.579		0.113	0.080	0.045	0.045	0.90	0.870	1.300	0.588		0.039		0.060	3090	654
0.672	NA66	0.035		0.621		0.113	0.032	0.043	0.045	0.93	0.880	1.400	0.631		0.039		0.066	3320	780
0.688	NA68	0.042		0.635		0.140	0.084	0.048	0.050	1.01	0.970	1.800	0.646		0.046		0.068	4080	817
0.750	NA75	0.042		0.693		0.140	0.092	0.051	0.050	1.09	1.050	2.100	0.704		0.046		0.074	4450	875
0.781	NA78	0.042		0.722	+.005 −.010	0.140	0.094	0.052	0.050	1.12	1.080	2.200	0.733	±.003	0.046		0.076	4600	1060
0.812	NA81	0.042		0.751		0.140	0.096	0.054	0.050	1.15	1.100	2.500	0.762		0.046		0.080	4800	1150
0.875	NA87	0.042		0.810		0.141	0.104	0.057	0.050	1.21	1.160	2.800	0.821		0.046		0.085	5200	1340
0.938	NA93	0.042		0.867		0.170	0.110	0.063	0.076	1.34	1.290	3.100	0.882		0.046		0.088	5600	1480
0.984	NA98	0.042		0.910		0.171	0.114	0.065	0.076	1.39	1.340	3.500	0.926		0.046		0.091	5800	1610
1.000	NA100	0.042		0.925		0.171	0.116	0.065	0.076	1.41	1.350	3.600	0.940		0.046		0.094	5900	1700
1.023	NA102	0.042		0.946		0.172	0.118	0.066	0.076	1.43	1.370	3.900	0.961		0.046		0.097	6100	1790
1.062	NA106	0.050		0.982		0.185	0.122	0.069	0.076	1.50	1.440	4.800	0.998		0.056		0.102	7500	1920
1.125	NA112	0.050		1.041	+.010 −.015	0.186	0.128	0.071	0.076	1.55	1.490	5.100	1.059	±.004	0.056	+.004 −.000	0.105	7900	2100
1.188	NA118	0.050		1.098		0.186	0.132	0.072	0.076	1.61	1.540	5.600	1.118		0.056		0.111	8400	2350

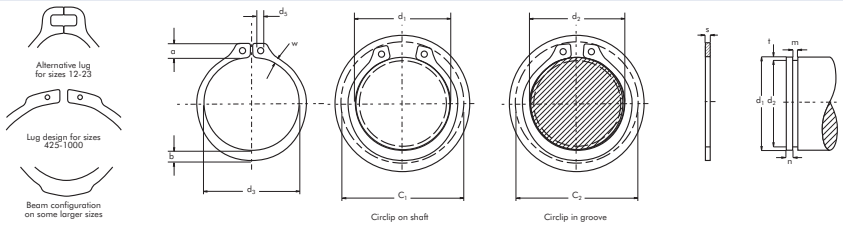
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



N1400/NA

CIRTEQ

d_1	N1400 NA	s	Δ	d_3	Δ	a *max.*	b ≈	w ~	d_5 *min.*	C_1	C_2	(lbs/1000)	d_2	Δ	m	Δ	n *min.*	DATA Tc	DATA Tg
1.250	NA125	0.050		1.156		0.187	0.140	0.076	0.076	1.69	1.62	5.90	1.176		0.056		0.117	8800	2610
1.312	NA131	0.050		1.214	+.010	0.187	0.146	0.077	0.076	1.75	1.67	6.80	1.232		0.056		0.126	9300	2970
1.375	NA137	0.050	±0.002	1.272	−.015	0.188	0.152	0.082	0.076	1.80	1.72	7.20	1.291	±.004	0.056		0.132	9700	3270
1.438	NA143	0.050		1.333		0.188	0.160	0.086	0.076	1.87	1.79	8.10	1.350		0.056		0.138	10200	3580
1.500	NA151	0.050		1.387		0.218	0.168	0.091	0.118	1.99	1.90	9.00	1.406		0.056		0.147	10600	3990
1.562	NA156	0.062		1.446		0.189	0.180	0.098	0.100	1.95	1.85	11.70	1.468		0.068		0.148	10700	4150
1.625	NA162	0.062		1.503		0.239	0.180	0.097	0.100	2.17	2.08	12.80	1.529		0.068	+.004	0.151	11100	4410
1.688	NA168	0.062		1.560		0.205	0.197	0.099	0.100	2.04	1.95	13.20	1.589		0.068	−.000	0.156	11500	4720
1.750	NA175	0.062		1.618	+.013	0.205	0.197	0.101	0.100	2.11	2.01	13.80	1.650		0.068		0.157	11900	4950
1.772	NA177	0.062		1.618	−.020	0.205	0.197	0.102	0.100	2.19	2.09	14.10	1.669	±.005	0.068		0.162	12100	5160
1.812	NA181	0.062		1.675		0.205	0.197	0.095	0.100	2.23	2.13	14.70	1.708		0.068		0.163	12400	5330
1.875	NA187	0.062		1.735		0.205	0.197	0.104	0.100	2.29	2.19	15.50	1.769		0.068		0.166	12800	5620
1.968	NA196	0.062		1.819		0.205	0.197	0.106	0.123	2.39	2.27	18.20	1.857		0.068		0.174	13400	5170
2.000	NA200	0.062		1.850		0.232	0.224	0.108	0.123	2.48	2.36	19.20	1.886		0.068		0.178	13600	6450
2.062	NA206	0.078		1.906		0.225	0.217	0.111	0.123	2.52	2.40	22.60	1.946		0.086		0.183	17700	6760
2.125	NA212	0.078		1.964		0.236	0.228	0.120	0.123	2.61	2.48	24.40	2.003		0.086		0.192	18200	7330
2.156	NA215	0.078		1.993		0.225	0.217	0.113	0.123	2.62	2.49	26.60	2.032		0.086		0.195	18500	7560
2.250	NA225	0.078		2.081	+.015	0.272	0.217	0.116	0.123	2.87	2.74	26.00	2.120		0.086		0.204	19300	8270
2.312	NA231	0.078		2.139	−.025	0.272	0.217	0.118	0.123	2.94	2.81	28.40	2.178		0.086		0.210	19800	8760
2.375	NA237	0.078	±0.003	2.197		0.236	0.228	0.119	0.123	2.86	2.72	27.90	2.239		0.086		0.213	20400	9130
2.438	NA243	0.078		2.255		0.236	0.228	0.120	0.123	2.92	2.78	29.40	2.299		0.086		0.217	20900	9580
2.500	NA250	0.078		2.313		0.236	0.228	0.122	0.123	2.98	2.84	29.20	2.360		0.086		0.219	21400	9900
2.559	NA255	0.078		2.377		0.258	0.250	0.130	0.123	3.09	2.94	31.70	2.419		0.086		0.219	21900	10100
2.625	NA262	0.078		2.428		0.236	0.228	0.120	0.123	3.11	2.96	35.00	2.481		0.086	+.005	0.225	22500	10700
2.688	NA268	0.078		2.485		0.273	0.246	0.129	0.123	3.32	3.18	36.00	2.541	±.006	0.086	−.000	0.230	23000	11200
2.750	NA275	0.093		2.543		0.284	0.276	0.145	0.123	3.33	3.18	47.00	2.206		0.103		0.231	28100	11500
2.875	NA287	0.093		2.659		0.268	0.260	0.133	0.123	3.42	3.26	48.40	2.721		0.103		0.240	29400	12500
2.938	NA293	0.093		2.717		0.268	0.260	0.125	0.123	3.49	3.32	50.00	2.779		0.103		0.247	30000	13200
3.000	NA300	0.093		2.775	+.020	0.268	0.260	0.138	0.123	3.55	3.38	51.50	2.838		0.103		0.252	30700	13700
3.062	NA306	0.093		2.832	−.030	0.268	0.260	0.131	0.123	3.61	3.44	56.80	2.898		0.103		0.255	31300	14200
3.125	NA312	0.093		2.892		0.305	0.272	0.141	0.123	3.75	3.57	57.90	2.957		0.103		0.261	32000	14800
3.156	NA315	0.093		2.920		0.284	0.276	0.143	0.123	3.74	3.56	59.00	2.986		0.103		0.264	32300	15200
3.250	NA325	0.093		3.006		0.284	0.276	0.145	0.123	3.83	3.65	61.90	3.076		0.103		0.270	33200	16000
3.346	NA334	0.093		3.092		0.284	0.276	0.147	0.123	3.93	3.74	63.90	3.166		0.103		0.279	34200	17000
3.438	NA343	0.093		3.179		0.284	0.276	0.130	0.123	4.02	3.83	65.90	3.257		0.103		0.280	35200	17600

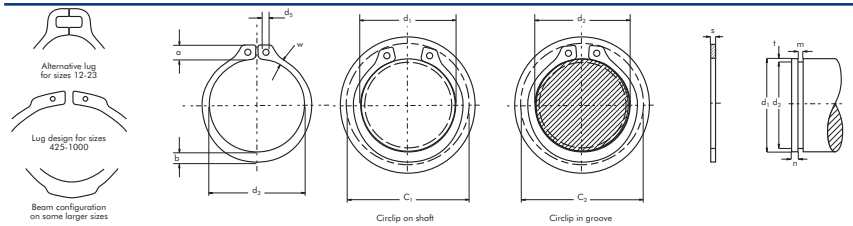
Part Number Référence Teile Nummer Referencia de pieza

Tolerance Tolérance Toleranz Tolerancia

Weight Masse Gewicht Peso

Ring Anneau/Circlips Ring Anillo

Groove Gorge Nut Ranura



N1400/NA

CIRTEQ

		○															D A T A		
d_1	N1400 NA	s	Δ	d_3	Δ	a *max.*	b ≈	w ~	d_5 *min.*	C_1	C_2	(lbs/1000)	d_2	Δ	m	Δ	n *min.*	Tc	Tg
3.500	NA350	0.109		3.237		0.320	0.285	0.148	0.123	4.15	3.96	71.90	3.316		0.120		0.285	42000	18200
3.543	NA354	0.109		3.277		0.320	0.288	0.149	0.123	4.20	4.00	72.90	3.357		0.120		0.288	42500	18600
3.625	NA362	0.109		3.352		0.323	0.315	0.153	0.123	4.28	4.09	76.00	3.435		0.120		0.294	43400	19500
3.688	NA368	0.109		3.410		0.335	0.302	0.156	0.123	4.31	4.11	80.00	3.493		0.120		0.301	44200	20300
3.750	NA375	0.109		3.468		0.337	0.310	0.160	0.123	4.44	4.23	82.90	3.552		0.120		0.306	44900	21000
3.875	NA387	0.109		3.584		0.335	0.318	0.163	0.123	4.56	4.35	87.90	3.673		0.120		0.312	46400	22100
3.938	NA393	0.109	±0.003	3.642	+.020 −.030	0.323	0.318	0.163	0.123	4.60	4.39	95.00	3.734	±.006	0.120	+.005 −.000	0.315	47200	22700
4.000	NA400	0.109		3.700		0.352	0.344	0.176	0.123	4.72	4.50	100.00	3.792		0.120		0.321	47900	23500
4.250	NA425	0.109		3.989		0.323	0.318	0.176	0.123	4.91	4.72	112.00	4.065		0.120		0.287	50900	22200
4.375	NA437	0.109		4.106		0.323	0.318	0.181	0.123	5.04	4.84	115.00	4.190		0.120		0.287	52400	22900
4.500	NA450	0.109		4.223		0.323	0.285	0.128	0.123	5.16	4.96	100.00	4.310		0.120		0.294	53900	24200
4.750	NA475	0.109		4.458		0.437	0.303	0.152	0.123	5.47	5.26	113.00	4.550		0.120		0.309	56900	26900
5.000	NA500	0.109		4.692		0.445	0.360	0.186	0.151	5.72	5.50	149.00	4.790		0.120		0.324	59900	29700
5.250	NA525	0.125		4.927		0.457	0.375	0.211	0.151	6.18	5.95	188.00	5.030		0.139		0.339	72200	32700
5.500	NA550	0.125	±0.004	5.162	+.020 −.040	0.457	0.390	0.209	0.151	6.43	6.19	196.00	5.265	±.007	0.139	+.006 −.000	0.363	75600	36500
5.750	NA575	0.125		5.396		0.457	0.408	0.220	0.151	6.68	6.43	210.00	5.505		0.139		0.378	79000	39800
6.000	NA600	0.125		5.631		0.457	0.381	0.171	0.171	6.93	6.67	220.00	5.745		0.139		0.393	82500	43300
6.250	NA625	0.156		5.866		0.508	0.396	0.176	0.176	7.28	7.01	282.00	5.985		0.174		0.409	107000	46800
6.500	NA650	0.156		6.100	+.020 −.050	0.508	0.438	0.236	0.236	7.53	7.25	330.00	6.225		0.174		0.425	112000	50500
6.750	NA675	0.156		6.335		0.508	0.456	0.246	0.246	7.78	7.49	356.00	6.465		0.174		0.440	116000	54400
7.000	NA700	0.156		6.570		0.508	0.460	0.256	0.256	8.03	7.73	371.00	6.705		0.174		0.455	120000	58400
7.500	NA750	0.187		7.039		0.632	0.507	0.269	0.269	8.78	8.45	534.00	7.180		0.209		0.492	143000	67900
8.000	NA800	0.187	±0.005	7.508	+.020 −.100	0.632	0.540	0.275	0.275	9.27	8.93	540.00	7.660	±.008	0.209	+.008 −.000	0.522	153000	76900
8.500	NA850	0.187		7.977		0.632	0.573	0.300	0.300	9.78	9.41	692.00	8.140		0.209		0.552	163000	86500
9.000	NA900	0.187		8.445		0.632	0.609	0.410	0.410	10.25	9.87	737.00	8.620		0.209		0.582	172000	96700
9.500	NA950	0.187		8.915		0.632	0.625	0.420	0.420	10.78	10.38	785.00	9.100		0.209		0.612	181000	107400
10.000	NA1000	0.187		9.385		0.632	0.625	0.370	0.370	11.27	10.85	910.00	9.575		0.209		0.650	191000	120200

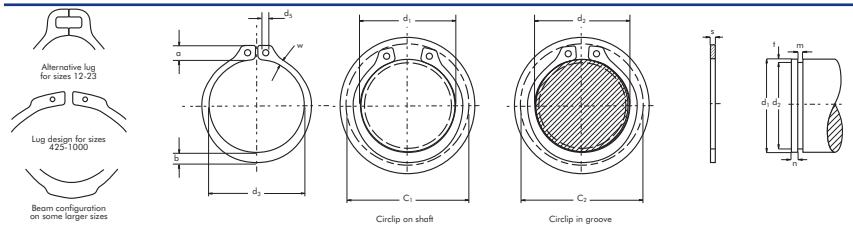
Part Number
Référence Teile Nummer Referencia de pieza

Tolerance
Tolérance Toleranz Tolerancia

Weight
Masse Gewicht Peso

Ring
Anneau/Circlips Ring Anillo

Groove
Gorge Nut Ranura



N1400/NA

CIRTEQ