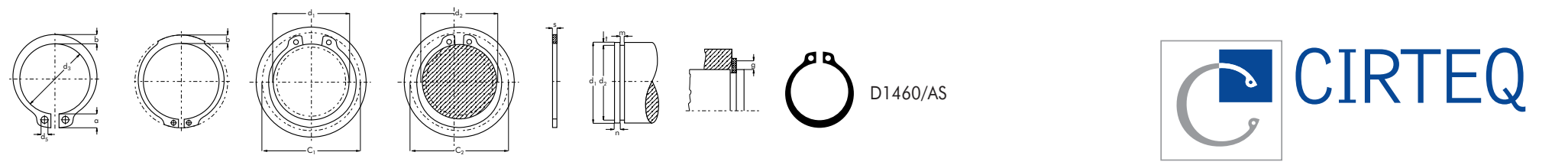





Circlips reforçés SD-Ringe (Sonderdicken) für Wellen Anillos reforzados RINGS FOR SHAFTS (HEAVY DUTY)

d ₁	D1460 AS	s	⊙									H				D A T A							
			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)
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	-0.06	15.7	+0.21 -0.42	5.0	2.6	2.0	27.5	26.2	1.24	16.2	-0.15	1.60	0.40	1.5	4.32	18.0	1.0	4.5	25.9	2.25	46
18	AS18	1.50		16.5		5.1	2.7	2.0	28.7	27.2	1.54	17.0		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	-0.07	20.5	+0.25 -0.50	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		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	-0.07	23.2	+0.39 -0.90	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		23.6		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	-0.08	26.9	+0.46 -1.10	6.5	3.8	2.0	42.5	40.6	4.30	27.6	-0.30	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	-0.08	30.5	+0.39 -0.90	6.7	4.0	2.5	46.9	44.7	5.20	31.3	-0.25	2.15	0.85	2.5	14.30	56.0	1.5	10.1	86.0	1.78	18
34	AS34	2.50		31.5		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	+0.46 -1.10	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		50.8		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	-0.08	53.8	+0.46 -1.10	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		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

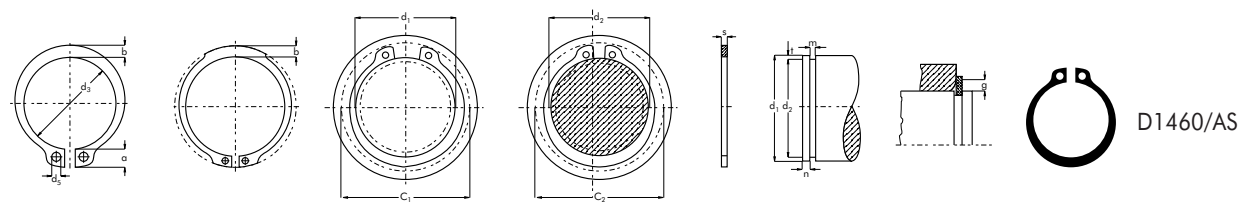
Part Number Réference Teile Nummer Referencia de pieza
 Tolerance Tolérance Toleranz Tolerancia
 Weight Masse Gewicht Peso
 Ring Anneau/Circlips Ring Anillo
 Groove Gorge Nut Ranura






Circlips renforcés SD-Ringe (Sonderdicken) für Wellen Anillos reforzados RINGS FOR SHAFTS (HEAVY DUTY)

d ₁	D1460 AS														D A T 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)
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	-0.35	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		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		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		4.15	1.75	5.3	90.00	368.0	3.5	51.6	540.0	1.78	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
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Circlips renforcés cote pouce SD-Ringe (Sonderdicken) für Wellen Zoll-Standard Anillos reforzados pulgadas standard RINGS FOR SHAFTS (HEAVY DUTY) INCH STANDARD

d ₁	N1460 NAS																	D A T A			
		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.	T _c	T _g		
0.500	NAS50	0.050	±0.002	0.460	+0.005 -0.010	0.124	0.030	0.050	0.048	0.75	0.72	1.6	0.468	+0.001/-0.002	0.056	+0.004 -0.000	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		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	+0.010 -0.015	0.185	0.148	0.084	0.076	1.25	1.20	7.5	0.821	+0.001/-0.003	0.086	+0.005 -0.000	0.081	9650	1330		
0.984	NAS98	0.078		0.906		0.185	0.156	0.089	0.076	1.37	1.31	7.8	0.938		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		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	±0.004	1.037	+0.013 -0.020	0.225	0.176	0.098	0.091	1.64	1.57	13.5	1.111	+0.002 -0.004	0.103	+0.005 -0.000	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	+0.013 -0.020	0.285	0.205	0.110	0.093	2.14	2.05	31.0	1.468	+0.003 -0.004	0.120	+0.005 -0.000	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		

 **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

