



Metric Internal Circlips (DIN 472)

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
8	8.70		0.80	-0.05
9	9.80		0.80	
10	10.80		1.00	
11	11.80		1.00	
12	13.00	+0.36 -0.10	1.00	
13	14.10		1.00	
14	15.10		1.00	
15	16.20		1.00	
16	17.30		1.00	
17	18.30		1.00	
18	19.50		1.00	
19	20.50		1.00	
20	21.50	+0.42 -0.13	1.00	
21	22.50		1.00	
22	23.50		1.00	
23	24.60		1.20	-0.06
24	25.90		1.20	
25	26.90		1.20	
26	27.90	+0.42 -0.21	1.20	
27	29.10		1.20	
28	30.10		1.20	
29	31.10		1.20	
30	32.10		1.20	
31	33.40		1.20	
32	34.40	+0.50 -0.25	1.20	
33	35.50		1.20	
34	36.50		1.50	
35	37.80		1.50	
36	38.80		1.50	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
37	39.80	+0.50 -0.25	1.50	
38	40.80		1.50	
39	42.00		1.50	
40	43.50		1.75	
41	44.50		1.75	
42	45.50	+0.90 -0.39	1.75	-0.06
43	46.50		1.75	
44	47.50		1.75	
45	48.50		1.75	
46	49.50		1.75	
47	50.50		1.75	
48	51.50		1.75	
50	54.20		2.00	
51	55.20		2.00	
52	56.20		2.00	
53	57.20		2.00	
54	58.20		2.00	
55	59.20		2.00	
56	60.20		2.00	
57	61.20	+1.10 -0.46	2.00	-0.07
58	62.20		2.00	
60	64.20		2.00	
62	66.20		2.00	
63	67.20		2.00	
64	68.20		2.00	
65	69.20		2.50	
67	71.50		2.50	
68	72.50		2.50	
70	74.50		2.50	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
72	76.50	+1.10 -0.46	2.50	
75	49.50		2.50	
77	82.50		2.50	
78	82.50		2.50	-0.07
80	85.50		2.50	
81	86.50		2.50	
82	87.50		2.50	
83	88.50		2.50	
85	90.50		3.00	
87	93.50		3.00	
88	93.50		3.00	
90	93.50		3.00	
92	97.50	+1.30 -0.54	3.00	-0.08
95	100.50		3.00	
97	103.50		3.00	
98	103.50		3.00	
100	105.50		3.00	
102	108.00		4.00	
105	112.00		4.00	
107	115.00		4.00	
108	115.00		4.00	
110	117.00		4.00	
112	119.00		4.00	-0.10
115	122.00		4.00	
117	125.00		4.00	
118	125.00		4.00	
120	127.00	+1.50 -0.63	4.00	
122	129.00		4.00	
125	132.00		4.00	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
127	135.00		4.00	
128	135.00		4.00	
130	137.00		4.00	
132	139.00		4.00	
135	142.00		4.00	
137	145.00		4.00	
138	145.00		4.00	
140	147.00		4.00	
142	149.00		4.00	
145	152.00		4.00	
147	155.00		4.00	
148	155.00	+1.50 -0.63	4.00	
150	158.00		4.00	
152	161.00		4.00	
155	164.00		4.00	-0.10
157	167.00		4.00	
158	167.00		4.00	
160	169.00		4.00	
162	171.50		4.00	
165	174.50		4.00	
167	177.50		4.00	
168	177.50		4.00	
170	179.50		4.00	
172	181.50		4.00	
175	184.50		4.00	
177	187.50	+1.70 -0.72	4.00	
178	187.50		4.00	
180	189.50		4.00	
182	191.50		4.00	



Metric Internal Circlips

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
185	194.50		4.00	
187	197.50		4.00	
188	197.50		4.00	
190	199.50		4.00	
192	201.50		4.00	-0.10
195	204.50		4.00	
197	207.50		4.00	
198	207.50		4.00	
200	209.50		4.00	
202	214.00		5.00	
205	217.00	+1.70	5.00	
207	217.00	-0.72	5.00	
208	222.00		5.00	
210	222.00		5.00	
212	222.00		5.00	
215	227.00		5.00	
217	227.00		5.00	
218	232.00		5.00	
220	232.00		5.00	-0.12
222	232.00		5.00	
225	237.00		5.00	
227	237.00		5.00	
228	242.00		5.00	
230	242.00		5.00	
232	242.00		5.00	
235	247.00		5.00	
237	247.00	+2.00	5.00	
238	252.00	-0.81	5.00	
240	252.00		5.00	
242	252.00		5.00	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
245	257.00		5.00	
247	257.00		5.00	
248	262.00		5.00	
250	262.00		5.00	
252	262.00		5.00	
255	270.00		5.00	
257	270.00		5.00	
258	275.00		5.00	
260	275.00		5.00	
262	275.00		5.00	
265	280.00		5.00	
267	280.00		5.00	
268	285.00		5.00	
270	285.00		5.00	
272	285.00	+2.00	5.00	-0.12
275	290.00	-0.81	5.00	
277	290.00		5.00	
278	295.00		5.00	
280	295.00		5.00	
282	295.00		5.00	
285	300.00		5.00	
287	300.00		5.00	
288	305.00		5.00	
290	305.00		5.00	
282	305.00		5.00	
295	310.00		5.00	
297	310.00		5.00	
298	315.00		5.00	
300	315.00		5.00	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
305	322.00		6.00	
310	327.00		6.00	
315	332.00		6.00	
320	337.00		6.00	
325	342.00		6.00	
330	347.00		6.00	
335	352.00		6.00	
340	357.00	+2.00	6.00	
345	362.00	-0.90	6.00	
350	367.00		6.00	
355	372.00		6.00	
360	377.00		6.00	
365	382.00		6.00	
370	387.00		6.00	
375	392.00		6.00	-0.15
380	397.00		6.00	
385	402.00		6.00	
390	407.00		6.00	
395	412.00		6.00	
400	417.00		6.00	
410	430.00		7.00	
420	440.00	+2.00	7.00	
430	450.00	-1.00	7.00	
440	460.00		7.00	
450	470.00		7.00	
460	480.00		7.00	
470	490.00		7.00	
480	500.00		7.00	
490	510.00	+3.00	7.00	
500	520.00	-1.50	7.00	

Bore size	Circlip OD	Tolerance	Thickness	Tolerance
510	535.00		8.00	
520	545.00		8.00	
530	555.00	+3.00	8.00	
540	565.00	-1.50	8.00	
550	575.00		8.00	-0.15
560	585.00		8.00	
570	595.00		8.00	
580	605.00	+3.00	8.00	
590	615.00	-1.50	8.00	
600	625.00		8.00	
650	680.00		9.00	
700	730.00		9.00	
750	785.00		9.00	
800	835.00	+4.00	9.00	-0.20
850	890.00	-2.00	9.00	
900	940.00		9.00	
950	1000.00		9.00	
1000	1050.00		9.00	