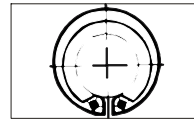


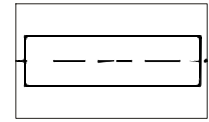
DIN 471 External Retaining Ring	
Diameter	Weight
3	0.017
4	0.022
5	0.066
6	0.084
7	0.121
8	0.158
9	0.30
10	0.34
11	0.41
12	0.50
13	0.53
14	0.64
15	0.67
16	0.70
17	0.82
18	1.11
19	1.22
20	1.30
21	1.42
22	1.50
24	1.77
25	1.90
26	1.96
28	2.92
29	3.20
30	3.31
32	3.54
34	3.80
35	4.00
36	5.00
38	5.62
40	6.03
42	6.50
45	7.50
48	7.90
50	10.2
52	11.1
55	11.4
56	11.8
58	12.6
60	12.9
62	14.3
63	15.9

DIN 471 External Retaining Ring	
Diameter	Weight
65	18.20
68	21.80
70	22.00
72	22.50
75	24.60
78	26.20
80	27.30
82	31.20
85	36.40
88	41.20
90	44.50
95	49.00
100	53.70
105	80
110	82
115	84
120	86
125	90
130	100
135	104
140	110
145	115
150	120
155	135
160	150
165	160
170	170
175	180
180	190
185	200
190	210
195	220
200	230
210	248
220	265
230	290
240	310
250	335
260	355
270	375
280	398
290	418
300	440

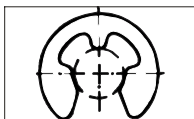


DIN 472 Internal Retaining Ring	
Diameter	Weight
8	0.14
9	0.15
10	0.18
11	0.31
12	0.37
13	0.42
14	0.52
15	0.56
16	0.6
17	0.65
18	0.74
19	0.83
20	0.9
21	1
22	1.1
24	1.42
25	1.5
26	1.6
28	1.8
30	2.06
31	2.1
32	2.21
34	3.2
35	3.54
36	3.7
37	3.74
38	3.9
40	4.7
42	5.4
45	6
47	6.1
48	6.7
50	7.3
52	8.2
55	8.3
56	8.7
58	10.5
60	11.1
62	11.2
63	11.7
65	14.3
68	16
70	16.5
72	18.1

DIN 472 Internal Retaining Ring	
Diameter	Weight
75	18.8
78	20.4
80	22
82	24
85	25.3
88	28
90	31
92	32
95	35
98	37
100	38
102	55
105	56
108	60
110	64.5
112	72
115	74.5
120	77
125	79
130	82
135	84
140	87.5
145	93
150	105
155	107
160	110
165	125
170	140
175	150
180	165
185	170
190	175
195	183
200	195
210	270
220	315
230	330
240	345
250	360
260	375
270	388
280	400
290	415
300	435



DIN 6880 Key Stock	
Size	Weight kg/m
2x2	0.0314
3x3	0.0707
4x4	0.126
5x5	0.196
6x6	0.283
7x7	0.385
8x8	0.503
10x10	0.785
12x12	1.13
14x14	1.54
16x16	2.01
18x18	2.54
20x20	3.14
22x22	3.8
8x7	0.44
10x8	0.628
12x8	0.754
12x10	0.943
14x9	0.989
16x10	1.26
18x11	1.55
20x12	1.88
22x14	2.42
25x14	2.75
25x22	4.32
28x16	3.52
28x25	5.5
32x18	4.52
32x30	7.54
36x20	5.65
36x34	9.61
40x22	6.91
40x38	11.9
45x25	8.83
45x43	15.2
50x28	11
50x48	18.8
56x32	14.1
63x32	15.8
70x36	19.8
80x40	25.1
90x45	31.8
100x50	39.3
5x3	0.118
6x4	0.188
7x4	0.22
8x5	0.314
10x6	0.471
12x6	0.565
14x6	0.659
16x7	0.879
18x7	0.989
20x8	1.26
22x9	1.55
25x9	1.77
28x10	2.2
32x11	2.76
36x12	3.39
40x14	4.4



DIN 6799 Circlip	
Size	Weight
0.8	0.003
1.2	0.009
1.5	0.021
1.9	0.040
2.3	0.069
3.2	0.088
4	0.158
5	0.236
6	0.255
7	0.474
8	0.66
9	1.09
10	1.25
12	1.63
15	3.37
19	6.42
24	8.55
30	13.5

Weight in kgs. per 1,000 pcs. unless otherwise specified. All weights are approximations.
All information is strictly informative