

Bore	Circlip Dimensions											Groove Dimensions								
	(T)	Tolerance			(D)	Tolerance			(C)	(X)	(L)	(H)	Fr KN	(G)	Tolerance			(W)	(N)	Fn KN
8	0.80	+0.00	-0.05	8.7	+0.36	-0.10	3.0	1.1	2.4	1.0	2.0	8.4	+0.09	-0.00	0.9	0.6	0.9			
9	0.80	+0.00	-0.05	9.8	+0.36	-0.10	3.7	1.3	2.5	1.0	2.0	9.4	+0.09	-0.00	0.9	0.6	1.0			
10	1.00	+0.00	-0.06	10.8	+0.36	-0.10	3.3	1.4	3.2	1.2	4.0	10.4	+0.11	-0.00	1.1	0.6	1.1			
11	1.00	+0.00	-0.06	11.8	+0.36	-0.10	4.1	1.5	3.3	1.2	4.0	11.4	+0.11	-0.00	1.1	0.6	1.2			
12	1.00	+0.00	-0.06	13.0	+0.36	-0.10	4.9	1.7	3.4	1.5	4.0	12.5	+0.11	-0.00	1.1	0.8	1.6			
13	1.00	+0.00	-0.06	14.1	+0.36	-0.10	5.4	1.8	3.6	1.5	4.2	13.6	+0.11	-0.00	1.1	0.9	2.1			
14	1.00	+0.00	-0.06	15.1	+0.36	-0.10	6.2	1.9	3.7	1.7	4.5	14.6	+0.11	-0.00	1.1	0.9	2.3			
15	1.00	+0.00	-0.06	16.2	+0.36	-0.10	7.2	2.0	3.7	1.7	5.0	15.7	+0.11	-0.00	1.1	1.1	2.8			
16	1.00	+0.00	-0.06	17.3	+0.36	-0.10	8.0	2.0	3.8	1.7	5.5	16.8	+0.11	-0.00	1.1	1.2	3.4			
17	1.00	+0.00	-0.06	18.3	+0.42	-0.13	8.8	2.1	3.9	1.7	6.0	17.8	+0.11	-0.00	1.1	1.2	3.6			
18	1.00	+0.00	-0.06	19.5	+0.42	-0.13	9.4	2.2	4.1	2.0	6.5	19.0	+0.13	-0.00	1.1	1.5	4.8			
19	1.00	+0.00	-0.06	20.5	+0.42	-0.13	10.4	2.2	4.1	2.0	6.8	20.0	+0.13	-0.00	1.1	1.5	5.1			
20	1.00	+0.00	-0.06	21.5	+0.42	-0.13	11.2	2.3	4.2	2.0	7.2	21.0	+0.13	-0.00	1.1	1.5	5.4			
21	1.00	+0.00	-0.06	22.5	+0.42	-0.13	12.2	2.4	4.2	2.0	7.6	22.0	+0.13	-0.00	1.1	1.5	5.7			
22	1.00	+0.00	-0.06	23.5	+0.42	-0.13	13.2	2.5	4.2	2.0	8.0	23.0	+0.13	-0.00	1.1	1.5	5.9			
23	1.20	+0.00	-0.06	24.6	+0.42	-0.21	14.2	2.5	4.2	2.0	13.8	24.1	+0.21	-0.00	1.3	1.5	6.8			
24	1.20	+0.00	-0.06	25.9	+0.42	-0.21	14.8	2.6	4.4	2.0	13.9	25.2	+0.21	-0.00	1.3	1.8	7.7			
25	1.20	+0.00	-0.06	26.9	+0.42	-0.21	15.5	2.7	4.5	2.0	14.6	26.2	+0.21	-0.00	1.3	1.8	8.0			
26	1.20	+0.00	-0.06	27.9	+0.42	-0.21	16.1	2.8	4.7	2.0	13.9	27.2	+0.21	-0.00	1.3	1.8	8.4			
27	1.20	+0.00	-0.06	29.1	+0.42	-0.21	17.1	2.9	4.7	2.0	13.3	28.4	+0.21	-0.00	1.3	2.1	10.1			
28	1.20	+0.00	-0.06	30.1	+0.50	-0.25	17.9	2.9	4.8	2.0	13.3	29.4	+0.21	-0.00	1.3	2.1	10.5			
29	1.20	+0.00	-0.06	31.1	+0.50	-0.25	18.9	3.0	4.8	2.0	13.6	30.4	+0.25	-0.00	1.3	2.1	10.9			
30	1.20	+0.00	-0.06	32.1	+0.50	-0.25	19.9	3.0	4.8	2.0	13.7	31.4	+0.25	-0.00	1.3	2.1	11.3			
31	1.20	+0.00	-0.06	33.4	+0.50	-0.25	20.0	3.2	5.2	2.5	13.8	32.7	+0.25	-0.00	1.3	2.6	14.1			
32	1.20	+0.00	-0.06	34.4	+0.50	-0.25	20.6	3.2	5.4	2.5	13.8	33.7	+0.25	-0.00	1.3	2.6	14.6			
33	1.20	+0.00	-0.06	35.5	+0.50	-0.25	21.6	3.3	5.4	2.5	14.3	34.7	+0.25	-0.00	1.3	2.6	15.0			
34	1.50	+0.00	-0.06	36.5	+0.50	-0.25	22.6	3.3	5.4	2.5	26.2	35.7	+0.25	-0.00	1.6	2.6	15.4			
35	1.50	+0.00	-0.06	37.8	+0.50	-0.25	23.6	3.4	5.4	2.5	26.9	37.0	+0.25	-0.00	1.6	3.0	18.8			
36	1.50	+0.00	-0.06	38.8	+0.50	-0.25	24.6	3.5	5.4	2.5	26.4	38.0	+0.25	-0.00	1.6	3.0	19.4			
37	1.50	+0.00	-0.06	39.8	+0.50	-0.25	25.4	3.6	5.5	2.5	27.1	39.0	+0.25	-0.00	1.6	3.0	19.8			
38	1.50	+0.00	-0.06	40.8	+0.50	-0.25	26.4	3.7	5.5	2.5	28.2	40.0	+0.25	-0.00	1.6	3.0	22.5			
39	1.50	+0.00	-0.06	42.0	+0.90	-0.39	27.2	3.8	5.6	2.5	28.8	41.0	+0.25	-0.00	1.6	3.0	26.0			
40	1.75	+0.00	-0.06	43.5	+0.90	-0.39	27.8	3.9	5.8	2.5	44.6	42.5	+0.25	-0.00	1.9	3.8	27.0			
41	1.75	+0.00	-0.06	44.5	+0.90	-0.39	28.6	4.0	5.9	2.5	45.0	43.5	+0.25	-0.00	1.9	3.8	27.6			
42	1.75	+0.00	-0.06	45.5	+0.90	-0.39	29.6	4.1	5.9	2.5	44.7	44.5	+0.25	-0.00	1.9	3.8	28.4			
43	1.75	+0.00	-0.06	46.5	+0.90	-0.39	30.6	4.2	5.9	2.5	44.5	45.5	+0.25	-0.00	1.9	3.8	28.8			
44	1.75	+0.00	-0.06	47.5	+0.90	-0.39	31.4	4.2	6.0	2.5	43.3	46.5	+0.25	-0.00	1.9	3.8	29.5			
45	1.75	+0.00	-0.06	48.5	+0.90	-0.39	32.0	4.3	6.2	2.5	43.1	47.5	+0.25	-0.00	1.9	3.8	30.2			
46	1.75	+0.00	-0.06	49.5	+0.90	-0.39	32.7	4.4	6.3	2.5	42.9	48.5	+0.25	-0.00	1.9	3.8	30.8			
47	1.75	+0.00	-0.06	50.5	+1.10	-0.46	33.5	4.4	6.4	2.5	43.5	49.5	+0.25	-0.00	1.9	3.8	31.4			
48	1.75	+0.00	-0.06	51.5	+1.10	-0.46	34.5	4.5	6.4	2.5	43.2	50.5	+0.30	-0.00	1.9	3.8	32.0			
50	2.00	+0.00	-0.07	54.2	+1.10	-0.46	36.3	4.6	6.5	2.5	60.8	53.0	+0.30	-0.00	2.2	4.5	40.5			
51	2.00	+0.00	-0.07	55.2	+1.10	-0.46	37.3	4.7	6.5	2.5	60.2	54.0	+0.30	-0.00	2.2	4.5	41.2			
52	2.00	+0.00	-0.07	56.2	+1.10	-0.46	37.9	4.7	6.7	2.5	60.3	55.0	+0.30	-0.00	2.2	4.5	42.0			
53	2.00	+0.00	-0.07	57.2	+1.10	-0.46	38.9	4.9	6.7	2.5	60.7	56.0	+0.30	-0.00	2.2	4.5	42.9			
54	2.00	+0.00	-0.07	58.2	+1.10	-0.46	39.9	5.0	6.7	2.5	60.4	57.0	+0.30	-0.00	2.2	4.5	43.6			
55	2.00	+0.00	-0.07	59.2	+1.10	-0.46	40.7	5.0	6.8	2.5	60.3	58.0	+0.30	-0.00	2.2	4.5	44.4			
58	2.00	+0.00	-0.07	62.2	+1.10	-0.46	43.5	5.2	6.9	2.5	60.8	61.0	+0.30	-0.00	2.2	4.5	46.7			
60	2.00	+0.00	-0.07	64.2	+1.10	-0.46	44.7	5.4	7.3	2.5	61.0	63.0	+0.30	-0.00	2.2	4.5	48.3			
62	2.00	+0.00	-0.07	66.2	+1.10	-0.46	46.7	5.5	7.3	2.5	60.9	65.0	+0.30	-0.00	2.2	4.5	49.8			
63	2.00	+0.00	-0.07	67.2	+1.10	-0.46	47.7	5.6	7.3	2.5	60.8	66.0	+0.30	-0.00	2.2	4.5	50.6			
64	2.00	+0.00	-0.07	68.2	+1.10	-0.46	48.7	5.7	7.5	2.5	60.6	67.0	+0.30	-0.00	2.2	4.5	51.4			
65	2.50	+0.00	-0.07	69.2	+1.10	-0.46	49.0	5.8	7.6	3.0	121.0	68.0	+0.30	-0.00	2.7	4.5	51.8			
67	2.50	+0.00	-0.07	71.5	+1.10	-0.46	50.8	6.0	7.7	3.0	121.0	70.0	+0.30	-0.00	2.7	4.5	53.8			
68	2.50	+0.00	-0.07	72.5	+1.10	-0.46	51.6	6.1	7.8	3.0	121.5	71.0	+0.30	-0.00	2.7	4.5	54.5			
70	2.50	+0.00	-0.07	74.5	+1.10	-0.46	53.6	6.2	7.8	3.0	119.0	73.0	+0.30	-0.00	2.7	4.5	56.2			
72	2.50	+0.00	-0.07	76.5	+1.10	-0.46	55.6	6.4	7.8	3.0	119.2	75.0	+0.30	-0.00	2.7	4.5	58.0			
75	2.50	+0.00	-0.07	79.5	+1.10	-0.46	58.6	6.6	7.8	3.0	118.0	78.0	+0.30	-0.00	2.7	4.5	60.0			
77	2.50	+0.00	-0.07	81.5	+1.10	-0.46	60.4	6.7	7.9	3.0	121.1	80.0	+0.30	-0.00	2.7	4.5	61.6			
78	2.50	+0.00	-0.07	82.5	+1.30	-0.54	60.1	6.8	8.5	3.0	122.5	81.0	+0.35	-0.00	2.7	4.5	62.3			
80	2.50	+0.00	-0.07	85.5	+1.30	-0.54	62.1	7.0	8.5	3.0	120.9	83.5	+0.35	-0.00	2.7	5.3	74.6			
82	2.50	+0.00	-0.07	87.5	+1.30	-0.54	64.1	7.0	8.5	3.0	119.0	85.5	+0.35	-0.00	2.7	5.3	76.6			
85	3.00	+0.00	-0.08	90.5	+1.30	-0.54	66.9	7.2	8.6	3.5	201.4	88.5	+0.35	-0.00	3.2	5.3	79.5			
87	3.00	+0.00	-0.08	92.5	+1.30	-0.54	68.9	7.3	8.6	3.5	204.5	90.5	+0.35	-0.00	3.2	5.3	81.3			
88	3.00	+0.00	-0.08	93.5	+1.30	-0.54	69.9	7.4	8.6	3.5	209.4	91.5	+0.35	-0.00	3.2	5.3	82.1			
90	3.00	+0.00	-0.08	95.5	+1.30	-0.54	71.9	7.6	8.6	3.5	199.0	93.5	+0.35	-0.00	3.2	5.3	84.0			
92	3.00	+0.00	-0.08	97.5	+1.30	-0.54	73.7	7.8	8.7	3.5	201.0	95.5	+0.35	-0.00	3.2	5.3	85.8			
95	3.00	+0.00	-0.08	100.5	+1.30	-0.54	76.5	8.1	8.8	3.5	195.0	98.5	+0.35	-0.00	3.2	5.3	88.6			
97	3.00	+0.00	-0.08	102.5	+1.30	-0.54	78.5	8.2	8.8	3.5	193.0	100.5	+0.35	-0.00	3.2	5.3	90.5			
98	3.00	+0.00	-0.08	103.5	+1.30	-0.54	79.0	8.3	9.0	3.5	191.0	101.5	+0.35	-0.00	3.2	5.3	91.3			
100	3.00	+0.00	-0.08	105.5	+1.30	-0.54	80.6	8.4	9.2	3.5	188.0	103.5	+0.35	-0.00	3.2	5.3	93.1			
102	4.00	+0.00	-0.10	108.0	+1.30	-0.54	82.0	8.5	9.5	3.5	439.0	106.0	+0.54	-0.00	4.2	6.0	108.8			
105	4.00	+0.00	-0.10	112.0	+1.30	-0.54	85.0	8.7	9.5	3.5	436.0	109.0	+0.54	-0.00	4.2	6.0	112.0			
108	4.00	+0.00	-0.10	115.0	+1.30	-0.54	89.0	8.9	9.5	3.5	419.0	112.0	+0.54	-0.00	4.2	6.0	115.0			
110	4.00	+0.00	-0.10	117.0	+1.30	-0.54	88.2	9.0	10.4	3.5	415.0	114.0	+0.54	-0.00	4.2	6.0	117.0			
112	4.00	+0.00	-0.10	119.0	+1.30	-0.54	90.0	9.1	10.5	3.5	418.0	116.0	+0.54	-0.00	4.2	6.0	119.0			
115	4.00	+0.00	-0.10	122.0	+1.50															