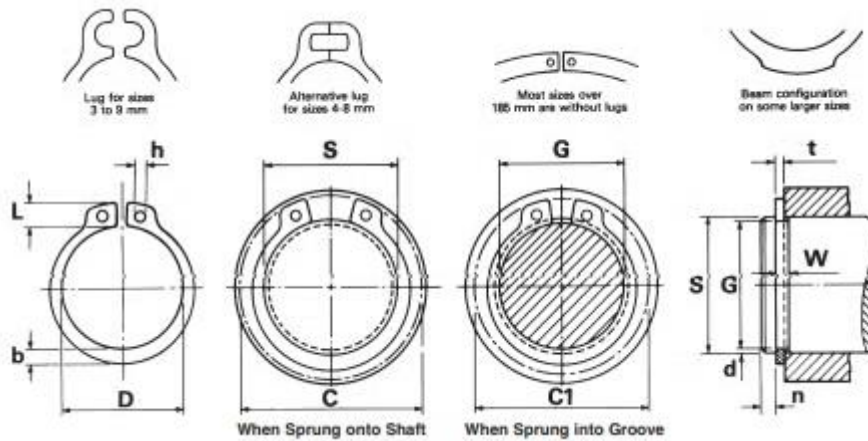


Circlips – External



Circlips - External																
SIZE CODE	SHAFT		GROOVE (G)							CIRCLIP (F)						
	S (min)	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h
EXT3	3	2.8	(+)0.00 (-)0.04	0.5	(+)0.14 (-)0.00	0.3	0.1	0.4	(+)0.00 (-)0.05	2.7	(+)0.04 (-)0.15	7	6.6	1.9	0.8	1
EXT4	4	3.8	(+)0.00 (-)0.048	0.5		0.3	0.1	0.4		3.7		8.6	8.2	2.2	0.9	1
EXT5	5	4.8		0.7		0.3	0.1	0.6		4.7		10.3	9.8	2.5	1.1	1
EXT6	6	5.7	(+)0.00 (-)0.06	0.8		0.5	0.15	0.7		5.6		11.7	11.1	2.7	1.3	1.2
EXT7	7	6.7		0.9		0.5	0.15	0.8		6.5	(+)0.06 (-)0.18	13.5	12.9	3.1	1.4	1.2
EXT8	8	7.6	(+)0.00 (-)0.11	0.9		0.6	0.2	0.8		7.4		14.7	14	3.2	1.5	1.2
EXT9	9	8.6		1.1		0.6	0.2	1	(+)0.00 (-)0.06	8.4	(+)0.10 (-)0.36	16	15.2	3.3	1.7	1.2
EXT10	10	9.6	(+)0.00 (-)0.13	1.1		0.6	0.2	1		9.3		17	16.2	3.3	1.8	1.5
EXT11	11	10.5		1.1		0.8	0.25	1		10.2		18	17.1	3.3	1.8	1.5
EXT12	12	11.5	(+)0.00 (-)0.21	1.1		0.8	0.25	1		11		19	18.1	3.3	1.8	1.7
EXT13	13	12.4		1.1		0.9	0.3	1		11.9		20.2	19.2	3.4	2	1.7
EXT14	14	13.4	(+)0.00 (-)0.21	1.1		0.9	0.3	1		12.9		21.4	20.4	3.5	2.1	1.7
EXT15	15	14.3		1.1		1.1	0.35	1		13.8		22.5	21.5	3.6	2.2	1.7
EXT16	16	15.2	(+)0.00 (-)0.21	1.1		1.2	0.4	1		14.7		23.8	22.6	3.7	2.2	1.7
EXT17	17	16.2		1.1		1.2	0.4	1		15.7		25	23.8	3.8	2.3	1.7
EXT18	18	17	(+)0.00 (-)0.21	1.3		1.5	0.5	1.2		16.5	(+)0.13 (-)0.42	26.2	24.8	3.9	2.4	2
EXT19	19	18		1.3		1.5	0.5	1.2		17.5		27.2	25.8	3.9	2.5	2
EXT20	20	19	(+)0.00 (-)0.21	1.3		1.5	0.5	1.2	(+)0.00 (-)0.06	18.5	(+)0.21 (-)0.42	28.4	27	4	2.6	2
EXT21	21	20		1.3		1.5	0.5	1.2		19.5		29.6	28.2	4.1	2.7	2
EXT22	22	21	(+)0.00 (-)0.21	1.3		1.5	0.5	1.2		20.5		30.8	29.4	4.2	2.8	2
EXT23	23	22		1.3		1.5	0.5	1.2		21.5		32	30.6	4.3	2.9	2
EXT24	24	22.9	(+)0.00 (-)0.21	1.3		1.7	0.55	1.2		22.2		33.2	31.7	4.4	3	2
EXT25	25	23.9		1.3		1.7	0.55	1.2		23.2		34.2	32.7	4.4	3	2
EXT26	26	24.9	(+)0.00 (-)0.21	1.3		1.7	0.55	1.2		24.2		35.5	33.9	4.5	3.1	2
EXT27	27	25.6		1.3		2.1	0.7	1.2		24.9		36.7	34.8	4.6	3.1	2
EXT28	28	26.6	(+)0.00 (-)0.21	1.6		2.1	0.7	1.5		25.9		37.9	36	4.7	3.2	2

SIZE CODE	Circlips - External															
	SHAFT		GROOVE (G)							CIRCLIP (F)						
	S	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h (min)
EXT29	29	27.6	(+) ^{0.00} (-) ^{0.21}	1.6		2.1	0.7	1.5		26.9	(+) ^{0.21} (-) ^{0.42}	39.1	37.2	4.8	3.4	2
EXT30	30	28.6		1.6		2.1	0.7	1.5		27.9		40.5	38.6	5	3.5	2
EXT31	31	29.3		1.6		2.6	0.85	1.5		28.6		41.7	40.9	5.1	3.5	2.5
EXT32	32	30.3		1.6		2.6	0.85	1.5		29.6	(+) ^{0.25} (-) ^{0.5}	43	40.7	5.2	3.6	2.5
EXT33	33	31.3		1.6		2.6	0.85	1.5		30.5		44	41.7	5.2	3.7	2.5
EXT34	34	32.3		1.6		2.6	0.85	1.5		31.5		45.4	43.1	5.4	3.8	2.5
EXT35	35	33		1.6		3	1	1.5		32.2		46.8	44.2	5.6	3.9	2.5
EXT36	36	34		1.85		3	1	1.75		33.2		47.8	45.2	5.6	4	2.5
EXT37	37	35		1.85		3	1	1.75		34.2	49	47	5.7	4.1	2.5	
EXT38	38	36		1.85		3	1	1.75		35.2	50.2	47.6	5.8	4.2	2.5	
EXT39	39	37		1.85		3	1	1.75		36	51.4	48.5	5.9	4.3	2.5	
EXT40	40	37.5		1.85		3.8	1.25	1.75		(+) ^{0.00} (-) ^{0.06}	36.5	52.6	49.5	6	4.4	2.5
EXT41	41	38.5		1.85		3.8	1.25	1.75			37.5	54	51.5	6.2	4.5	2.5
EXT42	42	39.5		1.85		3.8	1.25	1.75			38.5	55.7	52.5	6.5	4.5	2.5
EXT43	43	40.5		1.85		3.8	1.25	1.75			39.5	56.8	53.5	6	5.3	2.5
EXT44	44	41.5		1.85		3.8	1.25	1.75			40.5	57.9	55.4	6.6	4.6	2.5
EXT45	45	42.5		1.85		3.8	1.25	1.75			41.5	59.1	55.9	6.7	4.7	2.5
EXT46	46	43.5		1.85		3.8	1.25	1.75			42.5	60.1	56.9	6.7	4.8	2.5
EXT47	47	44.5		1.85		3.8	1.25	1.75			43.5	61.3	58.1	6.8	4.9	2.5
EXT48	48	45.5		1.85		3.8	1.25	1.75			44.5	62.5	59.3	6.9	5	2.5
EXT50	50	47	(+) ^{0.14} (-) ^{0.00}	2.15		4.5	1.5	2		45.8	(+) ^{0.39} (-) ^{0.90}	64.5	60.8	6.9	5.1	2.5
EXT51	51	48		2.15		4.5	1.5	2		46.8		65.6	61.9	6.9	5	2.5
EXT52	52	49		2.15		4.5	1.5	2		47.8		66.7	63	7	5.2	2.5
EXT53	53	50		2.15		4.5	1.5	2		48.8		68.8	64.1	7	6.3	2.5
EXT54	54	51		2.15		4.5	1.5	2		49.8		69	65.2	7.1	5.3	2.5
EXT55	55	52		2.15		4.5	1.5	2		50.8		70.2	66.4	7.2	5.4	2.5
EXT56	56	53		2.15		4.5	1.5	2		51.8		71.6	67.6	7.3	5.5	2.5
EXT57	57	54		2.15		4.5	1.5	2		52.8		72.3	69.3	7.3	5.5	2.5
EXT58	58	55		2.15		4.5	1.5	2		53.8		73.6	69.6	7.3	5.6	2.5
EXT60	60	57		2.15		4.5	1.5	2		55.8	75.6	71.8	7.4	5.8	2.5	
EXT61	61	58		2.15		4.5	1.5	2		(+) ^{0.00} (-) ^{0.07}	56.8	76.7	72.9	7.4	5.9	2.5
EXT62	62	59		2.15		4.5	1.5	2			57.8	77.8	74	7.5	6	2.5
EXT63	63	60		2.15		4.5	1.5	2			58.8	79	75.2	7.6	6.2	2.5
EXT64	64	61		2.15		4.5	1.5	2			59.8	80.2	76.4	7.8	7.4	2.5
EXT65	65	62		2.65		4.5	1.5	2.5			60.8	81.4	77.6	7.8	6.3	3
EXT67	67	64		2.65		4.5	1.5	2.5			62.5	83.6	79.8	7.9	6.4	3
EXT68	68	65		2.65		4.5	1.5	2.5			63.5	84.4	81	8	6.5	3
EXT70	70	67	2.65	4.5	1.5	2.5	65.5	87	83.2		8.1	6.6	3			
EXT72	72	69	2.65	4.5	1.5	2.5	67.5	89.2	85.4		8.2	6.8	3			

SIZE CODE	Circlips - External															
	SHAFT		GROOVE (G)							CIRCLIP (F)						
	S	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h (min)
EXT75	75	72	(+) 0.00 (-) 0.30	2.65	(+) 0.14 (-) 0.00	4.5	1.5	2.5	(+) 0.00 (-) 0.07	70.5	(+) 0.46 (-) 1.10	92.7	88.8	8.4	7	3
EXT77	77	74		2.65		4.5	1.5	2.5		72.5		94.9	91	8.5	7.2	3
EXT78	78	75		2.65		4.5	1.5	2.5		73.5		96.1	92.2	8.6	7.3	3
EXT80	80	76.5		2.65		5.3	1.75	2.5		74.5		98.1	93.7	8.6	7.4	3
EXT82	82	78.5		2.65		5.3	1.75	2.5		76.5		100.3	95.9	8.7	7.6	3
EXT85	85	81.5	(+) 0.00 (-) 0.35	3.15		5.3	1.75	3	(+) 0.00 (-) 0.08	79.5		103.3	98.9	8.7	7.8	3.5
EXT87	87	83.5		3.15		5.3	1.75	3		81.5		105.5	100.9	8.8	7.9	3.5
EXT88	88	84.5		3.15		5.3	1.75	3		82.5		106.5	102	8.8	8	3.5
EXT90	90	86.5		3.15		5.3	1.75	3		84.5		108.5	104	8.8	8.2	3.5
EXT92	92	88.5		3.15		5.3	1.75	3		86.5		110.9	107.4	9	8.4	3.5
EXT95	95	91.5		3.15		5.3	1.75	3		89.5		114.8	111	9.4	8.6	3.5
EXT97	97	93.5		3.15		5.3	1.75	3		91.5		116.7	113.2	9.4	8.8	3.5
EXT98	98	94.5		3.15		5.3	1.75	3		91.5		118.6	114	9.4	8.8	3.5
EXT100	100	96.5		3.15		5.3	1.75	3		94.5		120.2	116	9.6	9	3.5
EXT102	102	98		4.15		6	2	4	(+) 0.00 (-) 0.1	95	(+) 0.54 (-) 1.30	122.4	118	9.7	9.2	3.5
EXT105	105	101	(+) 0.00 (-) 0.54	4.15		6	2	4		98		126.2	122	9.9	9.3	3.5
EXT110	110	106		4.15		6	2	4		103		131.2	127	10.1	9.6	3.5
EXT112	112	108		4.15		6	2	4		105		133.6	129.6	10.3	9.7	3.5
EXT115	115	111		4.15		6	2	4		108		137.3	133	10.6	9.8	3.5
EXT120	120	116		4.15		6	2	4		113		143.1	138	11	10.2	3.5
EXT122	122	118		4.15		6	2	4		115		145.5	141.5	11.2	10.3	4
EXT125	125	121	(+) 0.00 (-) 0.63	4.15	(+) 0.18 (-) 0.00	6	2	4		118	(+) 0.63 (-) 1.5	149	144	11.4	10.4	4
EXT127	127	123		4.15		6	2	4		120		150.9	146.8	11.4	10.5	4
EXT128	128	124		4.15		6	2	4		120		151.9	147.9	11.4	10.5	4
EXT130	130	126		4.15		6	2	4		123		154.4	150	11.6	10.7	4
EXT135	135	131		4.15		6	2	4		128		159.8	155	11.8	11	4
EXT140	140	136		4.15		6	2	4		133		165.2	160	12	11.2	4
EXT145	145	141		4.15		6	2	4		138		170.6	166	12.2	11.5	4
EXT150	150	145		4.15		7.5	2.5	4		142		177.3	171	13	11.8	4
EXT155	155	150		4.15		7.5	2.5	4		146		182.3	176	13	12	4
EXT160	160	155		4.15		7.5	2.5	4		151		188	182	13.3	12.2	4
EXT165	165	160	(+) 0.00 (-) 0.72	4.15		7.5	2.5	4		155.5	(+) 0.72 (-) 1.7	193.4	187	13.5	12.5	4
EXT170	170	165		4.15		7.5	2.5	4		160.5		198.4	192	13.5	12.9	4
EXT175	175	170		4.15		7.5	2.5	4		165.5		203.4	197	13.5	12.9	4
EXT180	180	175		4.15		7.5	2.5	4		170.5		210	204	14.2	13.5	4
EXT185	185	180		4.15		7.5	2.5	4		175.5		215.2	209	14.2	13.5	4
EXT190	190	185		4.15		7.5	2.5	4		180.5		220	214	14.2	14	4
EXT195	195	190		4.15		7.5	2.5	4		185.5		225	219	14.2	14	4
EXT200	200	195		4.15		7.5	2.5	4		190.5		230	224	14.2	14	4