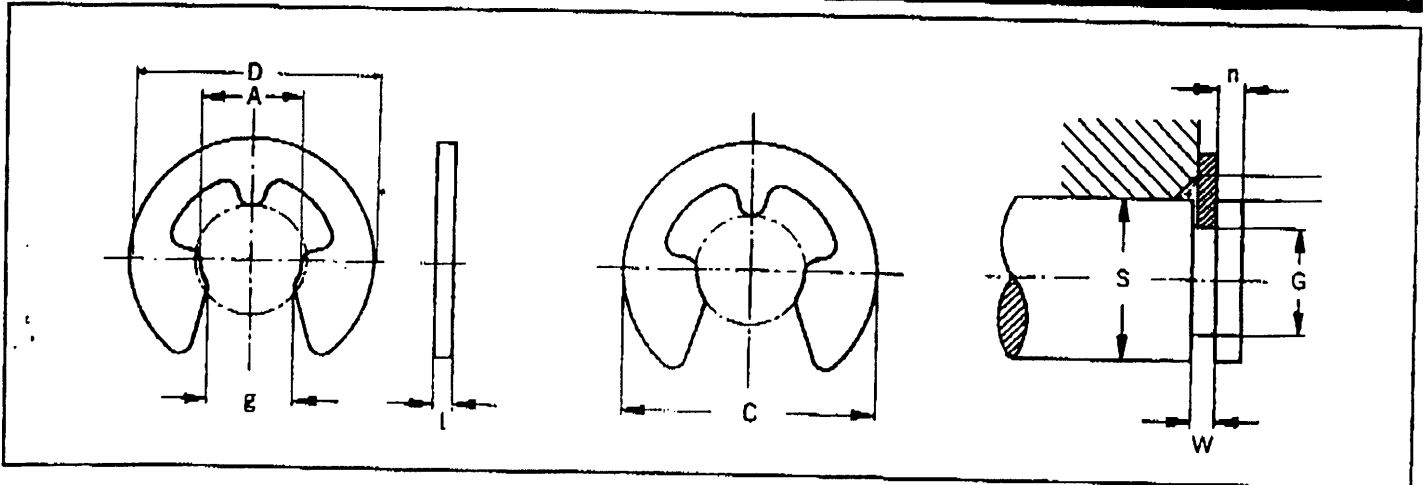


Standard 'E' Type Circlips

RSM INCORPORATING DIN 6799 & BS 3673-2 Metric Series

N1500 INCORPORATING BS 3673 Part 2 and MIL-R 21242 MS 16633



RSM

*This size in Beryllium Copper only.

Code No.	Shaft		Circlip Dimensions						Groove Dimensions					Code No.	
	S mm	Tol mm	t mm	Tol mm	D mm	C mm	g mm	Tol mm	Fr kN	G mm	Tol mm	W mm	n mm		Fn kN
*RSM0008	1.20	±0.20	0.2		1.95	2.25	0.58		0.08	0.8	+0.00/-0.04	0.24	0.4	0.03	RSM0008
RSM0012	1.70	±0.30	0.3		2.90	3.25	1.01		0.12	1.2		0.34	0.6	0.04	RSM0012
RSM0015	2.25	±0.25	0.4		3.85	4.25	1.28	+0.04	0.22	1.5	+0.00	0.44	0.8	0.07	RSM0015
RSM0019	2.75		0.5		4.40	4.8	1.61	-0.04	0.35	1.9	-0.06	0.54	1.0	0.10	RSM0019
RSM0023	3.50	±0.50	0.6		5.90	6.3	1.94		0.50	2.3		0.64	1.0	0.15	RSM0023
RSM0032	4.50		0.6	-0.02	6.80	7.3	2.70		0.65	3.2		0.64	1.0	0.22	RSM0032
RSM0040	6.00		0.7		8.80	9.3	3.34		0.95	4.0	+0.000	0.74	1.2	0.25	RSM0040
RSM0050	7.00	±1.00	0.7		10.75	11.3	4.11	+0.048	1.15	5.0	-0.075	0.74	1.2	0.90	RSM0050
RSM0060	8.00		0.7		11.75	12.3	5.26	-0.048	1.35	6.0		0.74	1.2	1.10	RSM0060
RSM0070	9.50	±1.50	0.9		13.80	14.3	5.84		1.8	7.0		0.94	1.5	1.25	RSM0070
RSM0080	10.50		1.0		15.60	16.3	6.52		2.5	8.0	+0.00	1.05	1.8	1.42	RSM0080
RSM0090	12.00	±2.00	1.1		18.20	18.8	7.63	+0.058	3.0	9.0	-0.09	1.15	2.0	1.60	RSM0090
RSM0100	13.00		1.2		19.65	20.4	8.32	-0.058	3.5	10.0		1.25	2.0	1.70	RSM0100
RSM0120	15.50	±2.50	1.3	+0.03	22.65	23.4	10.45		4.7	12.0	+0.00	1.35	2.5	3.10	RSM0120
RSM0150	20.00	±4.00	1.5	-0.03	28.60	29.4	12.61	+0.07	7.8	15.0	-0.11	1.55	3.0	7.00	RSM0150
RSM0190	25.50	±5.50	1.75		36.70	37.6	15.92	-0.07	11.0	19.0	+0.00	1.80	3.5	10.00	RSM0190
RSM0240	31.50	±6.50	2.0		43.65	44.6	21.88	+0.08/-0.08	15.0	24.0	-0.13	2.05	4.0	13.00	RSM0240

N1500

*This size in Beryllium Copper only.

Code No.	Shaft		Circlip Dimensions						Groove Dimensions					Code No.	
	S Inch	Tol Inch	t Inch	Tol Inch	D Inch	C Inch	A Inch	Tol Inch	Fr (lb.f)	G Inch	Tol Inch	W Inch	n Inch		Fn (lb.f)
*N1500/X004	.040	+0.010/-0.000	.010	+0.001	.079	.090	.025		15	.026		.012	.014	5	N1500/X004
N1500/X006	.062		.010	-0.001	.140	.150	.051	+0.001	36	.052		.012	.010	6	N1500/X006
N1500/Y006	.062	+0.030	.010		.156	.165	.051	-0.003	36	.052		.012	.010	6	N1500/Y006
N1500/X009	.094	-0.000	.015		.187	.200	.051		72	.052		.023	.010	6	N1500/X009
N1500/X009	.094		.015		.230	.245	.069	+0.002/-0.002	81	.074		.018	.020	17	N1500/X009
N1500/X011	.110		.015		.187	.200	.073		81	.074		.018	.020	17	N1500/X011
N1500/0012	.125		.015		.375	.390	.076		95	.079		.018	.030	32	N1500/0012
N1500/X014	.140	+0.040	.015		.230	.240	.094		108	.095	+1.002	.018	.030	35	N1500/X014
N1500/Y014	.140	-0.000	.015		203	214	100		121	.102	-0.000	.018	.038	50	N1500/Y014
N1500/0014	.140		.025		250	265	108		121	.110		.018	.030	39	N1500/0014
N1500/0015	.156	+0.050	.025		270	285	102	+0.001	202	.105		.029	.034	46	N1500/0015
N1500/X017	.172	-0.000	.025		282	295	114	-0.003	225	.116		.029	.040	58	N1500/X017
N1500/X018	.188	+0.060	.025		312	325	125		248	.127		.029	.044	72	N1500/X018
N1500/0018	.188	-0.000	.025	+0.002	375	390	122		271	.125		.029	.062	110	N1500/0018
N1500/X021	.219		.025	-0.002	335	350	145		271	.147		.029	.040	72	N1500/X021
N1500/0025	.250		.025		437	450	185		316	.188		.029	.030	63	N1500/0025
N1500/X031	.312	+0.100	.025		527	540	207		361	.210		.029	.040	93	N1500/X031
N1500/0037	.375	-0.000	.035		500	520	243	+0.002	450	.250		.029	.062	180	N1500/0037
N1500/0043	.438		.035		660	680	300	-0.004	757	.303		.039	.072	252	N1500/0043
N1500/X043	.438		.035		687	710	337		885	.343		.039	.094	388	N1500/X043
N1500/0050	.500		.042		600	620	375		884	.380	+1.003	.039	.058	237	N1500/0050
N1500/0062	.625		.042		800	820	392		1210	.396	-0.000	.046	.104	485	N1500/0062
N1500/X074	.744	+0.120	.050		940	960	480		1510	.485		.046	.140	816	N1500/X074
N1500/0075	.750	-0.000	.050		1.000	1.020	616	+0.003	2160	.625		.056	.118	1190	N1500/0075
N1500/0087	.875		.050		1.120	1.140	574	-0.005	2520	.580		.056	.170	1630	N1500/0087
N1500/X098	.984		.050		1.300	1.320	668		2840	.675		.056	.200	1370	N1500/X098
N1500/X118	1.188	+0.200	.062	+0.003	1.500	1.530	822	+0.006	4250	.835		.056	.148	1210	N1500/X118
N1500/X137	1.375	-0.000	.062	-0.003	1.626	1.670	1.066	-0.010	4920	1.079	+0.005	.068	.108	1860	N1500/X137
					1.875	1.920	1.213		4920	1.230	-0.000	.068	.144	1860	

Standard Material - Carbon Spring Steel.

Standard Finish - Phosphate and Oil.