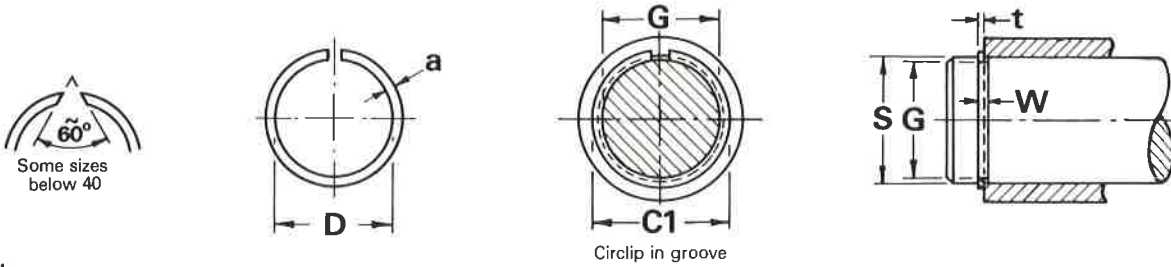


PLAIN EXTERNAL RINGS FOR BEARING RETENTION

M2400



All dimensions in mm



† Thrust load calculations see pages 9 & 10

SIZE CODE	Shaft (S)		Groove (G)			Circlip (F)					Tc† (N)	Tg† (N)	SIZE CODE	
	S	G	Tol.	W	Tol.	D	a	Tol.	t	Tol.				C1
0100	10	9.60		1.1		9.4	1.30		1.0		12.20	6860	754	0100
0110	11	10.50	+0.00	1.1		10.2	1.30		1.0		13.10	7540	1040	0110
0120	12	11.50	-0.11	1.1		11.2	1.30		1.0		14.10	8230	1130	0120
0150	15	14.40		1.3		14.0	1.75		1.2		17.90	12600	1700	0150
0170	17	16.40		1.3		16.0	1.75		1.2		19.90	14200	1920	0170
0180	18	17.40		1.3	+0.075	17.0	1.75		1.2		20.90	15100	2030	0180
0190	19	18.40		1.3	-0.000	17.9	1.75		1.2		21.90	15900	2150	0190
0200	20	19.20		1.3		18.7	1.75		1.2		22.70	16800	3020	0200
0210	21	20.20		1.3		19.7	1.75		1.2		23.70	17600	3170	0210
0250	25	24.00		1.3		23.5	1.75	+0.00 -0.10	1.2	+0.00 -0.10	27.50	21000	4710	0250
0260	26	25.00	+0.00	1.3		24.5	1.75		1.2		28.50	21800	4900	0260
0270	27	26.00	-0.13	1.6		25.5	2.30		1.5		30.60	28800	5090	0270
0280	28	27.00		1.6		26.5	2.30		1.5		31.60	29900	5280	0280
0300	30	29.00		1.6		28.5	2.30		1.5		33.60	32000	5650	0300
0320	32	30.80		1.6	+0.10	30.2	2.30		1.5		35.40	34100	7240	0320
0350	35	33.80	+0.00	1.6	-0.00	33.2	2.30		1.5		38.40	37300	7920	0350
0400	40	38.50	-0.16	1.6		37.8	2.30		1.5		43.10	42600	11300	0400
0450	45	43.50		1.6		42.8	2.30		1.5		48.10	48000	12700	0450

Standard material - carbon spring steel. Standard finish - phosphate and oil.

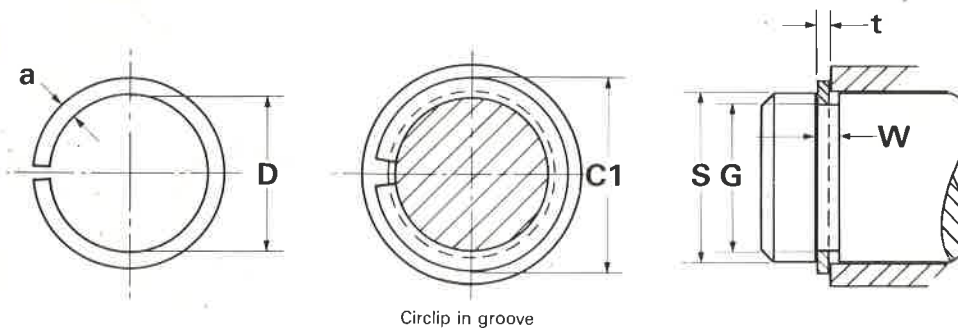
Other sizes available on request

PLAIN WIRE RINGS

A0500



All dimensions in inches



† Thrust load calculations see pages 9 & 10

SIZE CODE	Shaft (S)		Groove (G)			Circlip (F)				Tc† (lb.f)	Tg† (lb.f)	SIZE CODE
	S (frac.)	S (dec.)	G (min)	W (min)	D (max)	a x t	Tol.	C1				
0025	1/4	0.250	.232	.028	.230	.035 x .025		0.312	610	130	0025	
0031	5/16	0.312	.292	.028	.290	.040 x .025		0.382	760	175	0031	
0034	11/32	0.344	.324	.028	.322	.040 x .025		0.414	840	195	0034	
0037	3/8	0.375	.353	.028	.351	.040 x .025		0.443	910	230	0037	
0040	13/32	0.406	.384	.028	.382	.045 x .025		0.484	990	250	0040	
0043	7/16	0.438	.414	.028	.412	.045 x .025		0.514	1070	300	0043	
0050	1/2	0.500	.476	.039	.474	.048 x .035		0.582	1750	340	0050	
0056	9/16	0.562	.536	.039	.534	.048 x .035		0.642	1960	410	0056	
0059	19/32	0.594	.567	.039	.565	.060 x .035	±.002	0.701	2080	450	0059	
0062	5/8	0.625	.598	.039	.596	.060 x .035		0.732	2180	475	0062	
0068	11/16	0.688	.658	.046	.656	.070 x .042		0.812	2920	585	0068	
0075	3/4	0.750	.717	.046	.715	.070 x .042		0.871	3180	700	0075	
0081	13/16	0.812	.778	.046	.776	.070 x .042		0.932	3440	780	0081	
0087	7/8	0.875	.835	.046	.833	.070 x .042		0.989	3710	990	0087	
0093	15/16	0.938	.898	.046	.896	.081 x .042		1.074	3980	1060	0093	
0100	1.	1.000	.957	.046	.955	.081 x .042		1.133	4240	1215	0100	

Standard material - carbon spring steel. Standard finish - self finish and oil