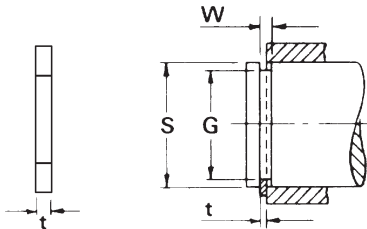


When Sprung into Groove



.125" to 2.00"

Standard Material
Carbon Spring Steel

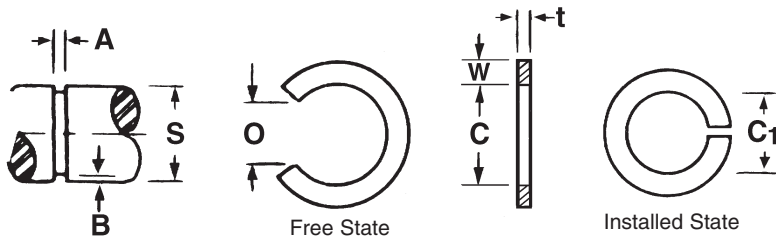
Standard Finish
Phosphate and oil

MS 16632



STANDARD C-RING EXTERNAL

PART NUMBER	SHAFT			RING						GROOVE				APPROX Wt. Lb / 1000 PCS.	PERMISSIBLE THRUST LOAD (LBS)	ASSEMBLY TOOLS	
	DIAMETER S			THICKNESS		FREE DIAMETER				DIAMETER		WIDTH				APPLICATOR No.	DISPENSER No.
	Frac. inch	Dec. inch	mm	t inches	Tol. inches	D inches	Tol. inches	C	C1	G inches	Tol. inches	W inches	Tol. inches				
1800-12	1/8	.125	3.2	.015		.102		.165	.18	.106		.020		.030	85	AM 50	SF 50
1800-15	5/32	.156	4.0	.015		.131	+0.02	.205	.22	.135		.020	+0.02	.052	100	AM 8	SF 51
1800-18	3/16	.188	4.8	.015		.161	-0.04	.244	.25	.165	±.0015	.020	-0.00	.062	130	AM 10	SF 52
1800-21	7/32	.219	5.6	.025		.187		.275	.29	.193		.029		.120	260	AM 53	SF 53
1800-23	15/64	.236	6.0	.025		.203		.295	.31	.208		.029		.150	280	AM 54	SF 54
1800-25	1/4	.250	6.4	.025		.211		.311	.33	.220		.029		.157	290	AM 12	SF 55
1800-28	9/32	.281	7.1	.025		.242	+0.03	.346	.36	.247		.029		.190	330	AM 56	SF 56
1800-31	5/16	.312	7.9	.025		.270	-0.05	.376	.39	.276		.029		.226	370	AM 13	SF 57
1800-37	3/8	.375	9.5	.025	±.002	.328		.448	.47	.335	±.002	.029		.300	440	AM 58	SF 58
1800-40	13/32	.406	10.3	.025		.359		.486	.50	.364		.029	+0.03	.352	480	AM 59	SF 59
1800-43	7/16	.438	11.1	.025		.386		.517	.53	.393		.029	-0.00	.359	520	AM 16	SF 60
1800-50	1/2	.500	12.7	.035		.441		.581	.60	.450		.039		.671	830	AM 61	SF 61
1800-56	9/16	.562	14.3	.035		.497		.653	.67	.507		.039		.710	930	AM 18	SF 62
1800-62	5/8	.625	15.9	.035		.553	±.006	.715	.74	.563		.039		.937	1030	AM 63	SF 63
1800-68	11/16	.688	17.5	.042		.612		.784	.80	.619	±.003	.046		1.3	1700	AM 64	SF 64
1800-75	3/4	.750	19.0	.042		.665		.845	.87	.676		.046		1.5	1850	AM 65	SF 65
1800-81	13/16	.812	20.6	.042		.721		.915	.915	.732		.046		1.7	2010	AM 66	SF 66
1800-87	7/8	.875	22.2	.042		.777	±.007	.991	.991	.789		.046		2.0	2170	AM 67	SF 67
1800-93	15/16	.938	23.8	.042		.830		1.058	1.058	.843		.046		2.3	2320	AM 68	SF 68
1800-100	1	1.000	25.4	.042		.887		1.130	1.130	.900		.046		2.7	2480	AM 69	SF 69
1800-112	1 1/8	1.125	28.6	.050		.997		1.267	1.267	1.013		.056		4.0	3320	-	-
1800-125	1 1/4	1.250	31.7	.050		1.110		1.415	1.415	1.126		.056		5.1	3680	-	-
1800-137	1 3/8	1.375	34.9	.050		1.220	±.008	1.555	1.555	1.237		.056	+0.04	6.1	4050	-	-
1800-150	1 1/2	1.500	38.1	.050		1.331		1.691	1.691	1.350	±.004	.056	-0.00	7.6	4420	-	-
1800-175	1 3/4	1.750	44.4	.062	±.003	1.555	±.010	1.975	1.975	1.576		.068		12.9	6430	-	-
1800-200	2	2.000	50.8	.062		1.777		2.257	2.257	1.800	±.005	.068		16.2	7300	-	-

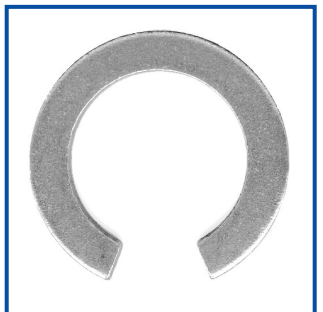


GAP: Gap furnished in open position and butted when closed into groove

0.188" to 1.00"

C1008 - 1010

Obtainable in
Stainless Steel



PART NUMBER	REFERENCE NUMBER	SHAFT		RING			GROOVE DIMENSIONS		APPROX Wt. Lb / 1000 PCS.		
		DIAMETER S		THICKNESS	WIDTH	C	C1	O		A	B
		Frac. inch	Dec. inch	t inches	W inches					Width	Depth
WA-510	AAR-316	3/16	.188	.031	.062	.174	.125	.125	.034	.031	.32
WA-512	AAR-732	7/32	.219	.031	.046	.230	.173	.143	.034	.023	.25
WA-514	AAR-14	1/4	.250	.031	.062	.260	.187	.182	.034	.031	.42
WA-516	AAR-516	5/16	.312	.039	.079	.328	.251	.191	.043	.031	.94
WA-518	AAR-38	3/8	.375	.047	.094	.394	.313	.264	.052	.031	1.65
WA-520	AAR-716	7/16	.438	.055	.109	.459	.376	.203	.060	.031	2.61
WA-522	AAR-12	1/2	.500	.063	.125	.525	.438	.233	.069	.031	3.92
WA-524	AAR-916	9/16	.562	.070	.141	.591	.493	.241	.077	.035	5.53
WA-526	AAR-58	5/8	.625	.078	.156	.656	.547	.253	.086	.039	7.57
WA-528	AAR-1116	11/16	.688	.086	.172	.722	.602	.278	.094	.043	10.13
WA-530	AAR-34	3/4	.750	.094	.188	.788	.656	.310	.103	.047	13.20
WA-532	AAR-1316	13/16	.812	.102	.203	.853	.711	.331	.112	.051	16.74
WA-534	AAR-78	7/8	.875	.109	.219	.919	.765	.357	.120	.055	20.80
WA-536	AAR-1516	15/16	.938	.117	.234	.984	.820	.387	.129	.059	25.53
WA-538	AAR-1	1	1.000	.125	.250	1.050	.874	.423	.138	.063	31.10

WA/AAR RINGS "Crimp Ring"

TOLERANCES:
Tolerances on "C" dimensions are minus as follows:
3/16" to 5/16" sizes 4%
3/8" to 1" sizes 3%
Tolerances on "O" dimensions are plus as follows:
3/16" to 5/16" sizes 4%
3/8" to 1" sizes 4%
Tolerance on "t" (thickness) dimension are as follows:
.031 to .039 sizes ±.002
.047 to .125 sizes +.000 and -.004

