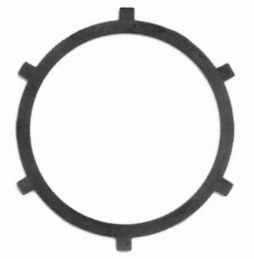


0.311" to 2.002"

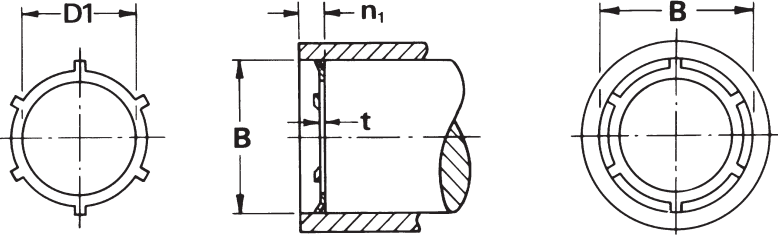
Standard Material
Carbon Spring Steel

Standard Finish
Phosphate and oil



1305

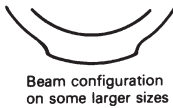
"PUSH-ON"
INTERNAL



† Thrust load calculations see page 5

PART NUMBER	BORE			RING				APPROX Wt. LB / 1000 PCS.	Tc+ (lb.f)	
	DIAMETER B			INSIDE DIAMETER		THICKNESS				
	min. (inch)	max. (inch)	fraction ~	D1 inches	Tol. inches	t inches	Tol. inches	n ₁ (min)		
1305-31	.311	.313	5/16	.136		.010		.040	0.11	80
1305-37	.374	.376	3/8	.175	±.005	.010		.040	0.15	75
1305-43	.437	.439	7/16	.237		.010	±.001	.040	0.20	70
1305-50	.498	.502	1/2	.258		.010		.040	0.24	60
1305-56	.560	.564	9/16	.312		.010		.040	0.29	50
1305-62	.623	.627	5/8	.390		.010		.040	0.31	45
1305-75	.748	.752	3/4	.500		.015		.060	0.62	75
1305-87	.873	.877	7/8	.625	±.010	.015	±.002	.060	0.75	70
1305-93	.936	.940	15/16	.687		.015		.060	0.86	70

PART NUMBER	BORE			RING				APPROX Wt. LB / 1000 PCS.	Tc+ (lb.f)	
	DIAMETER B			INSIDE DIAMETER		THICKNESS				
	min. (inch)	max. (inch)	fraction ~	D1 inches	Tol. inches	t inches	Tol. inches	n ₁ (min)		
1305-100	.998	1.002	1	.750		.015		.060	0.90	75
1305-112	1.123	1.127	1 1/8	.813		.015		.060	1.30	60
1305-125	1.248	1.252	1 1/4	.938		.015	±.002	.060	1.50	60
1305-143	1.435	1.439	1 7/16	1.125	±.010	.015		.060	1.69	60
1305-150	1.498	1.502	1 1/2	1.188		.015		.060	1.80	60
1305-175	1.748	1.752	1 3/4	1.438		.015		.060	2.09	55
1305-200	1.998	2.002	2	1.600		.015		.060	2.99	55



Beam configuration on some larger sizes

0.625" to 1.562"

Standard Material
Carbon Spring Steel

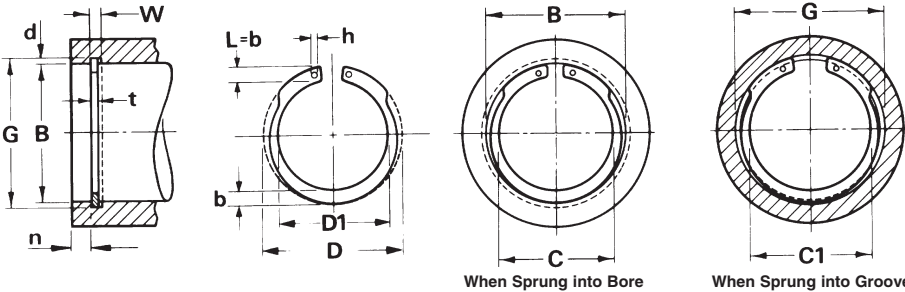
Standard Finish
Phosphate and oil

MS 16627



1308

BALANCED LUG
INTERNAL



When Sprung into Bore

When Sprung into Groove

† Thrust load calculations see page 5

PART NUMBER	BORE		THICKNESS		RING							GROOVE					Tc (lb.f)	Tg (lb.f)		
	DIAMETER B				FREE DIAMETER							DIAMETER		WIDTH						
	Frac. inch	Dec. inch	t inches	Tol. inches	D inches	Tol. inches	D1	C	C1 (max)	L -	b (min)	h	G inches	Tol. inches	W inches	Tol. inches			n (min)	d -
N1308-62	5/8	.625	.025		.675		.54	.47	.51	.076	.072	.028	.665	±.002	.029		.060	.020	1100	353
N1308-75	3/4	.750	.035		.808		.63	.56	.61	.089	.085	.040	.796		.039		.070	.023	1850	201
N1308-81	13/16	.812	.042		.877	+0.010	.69	.61	.66	.097	.092	.040	.862		.046	+0.003	.075	.025	2410	574
N1308-87	7/8	.875	.042		.944	-0.005	.75	.66	.72	.104	.099	.040	.931	±.003	.046	-0.000	.085	.028	2600	693
N1308-93	15/16	.938	.042		1.015		.81	.70	.77	.111	.106	.040	1.000		.046		.095	.031	2780	820
N1308-100	1	1.000	.042		1.081		.85	.75	.83	.118	.113	.040	1.066		.046		.100	.033	2970	933
N1308-106	1 1/16	1.062	.050		1.150		.91	.80	.87	.126	.120	.048	1.130		.056		.100	.034	3750	1020
N1308-112	1 1/8	1.125	.050	±.002	1.217		.97	.85	.93	.129	.123	.048	1.197		.056		.110	.036	3980	1140
N1308-118	1 3/16	1.188	.050		1.283		1.03	.91	.99	.132	.126	.048	1.262		.056		.110	.037	4200	1240
N1308-125	1 1/4	1.250	.050		1.351	+0.015	1.10	.96	1.06	.135	.129	.048	1.330	±.004	.056	+0.004	.120	.040	4410	1410
N1308-131	1 5/16	1.312	.050		1.418	-0.010	1.15	1.02	1.12	.138	.132	.048	1.396		.056	-0.000	.125	.042	4640	1560
N1308-137	1 3/8	1.375	.050		1.486		1.22	1.08	1.17	.141	.135	.048	1.461		.056		.130	.043	4860	1670
N1308-143	1 7/16	1.438	.050		1.552		1.26	1.13	1.24	.150	.144	.074	1.528		.056		.135	.045	5080	1830
N1308-150	1 1/2	1.500	.050		1.622		1.32	1.18	1.28	.154	.148	.074	1.594		.056		.140	.047	5300	1990
N1308-156	1 9/16	1.562	.062	±.003	1.688	+0.020 -0.013	1.37	1.22	1.32	.165	.158	.074	1.658		.068		.145	.048	5700	2120

