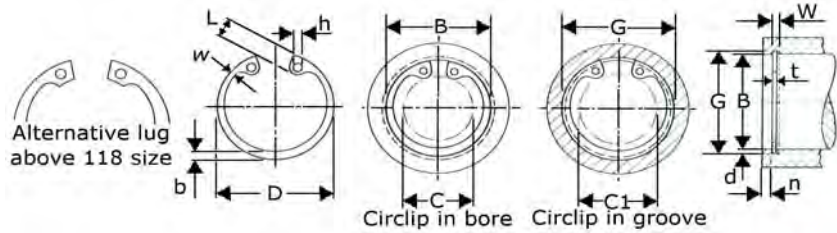




**N1300**  
**Standard Internal Circlips**  
**(Imperial)**  
**American Specifications**



CODE	Bore		Groove (G)						Circlip (F)									Wt. lb/k	
	B		G	Tol.	W	Tol.	n d min ~	t	Tol.	D	Tol.	C	C1	L max	b ~	w ~	h min		
	frac	dec																	
N1300/0025	1/4	0.25	0.268	±.001	.018	+.002	.027	.009	.015		0.28		0.11	0.13	.068	.025	.015	.029	0.08
N1300/0031	5/16	0.312	0.33		.018	-.000	.027	.009	.015		0.346		0.17	0.19	.069	.033	.018	.029	0.11
N1300/0037	3/8	0.375	0.397		.029		.033	.011	.025		0.415		0.2	0.22	.085	.4	.028	.039	0.25
N1300/0043	7/16	0.438	0.461		.029		.036	.012	.025		0.482		0.23	0.25	.101	.049	.029	.039	0.37
N1300/0045	29/64	0.453	0.477		.029		.036	.012	.025		0.498		0.25	0.27	.101	.05	.03	.045	0.43
N1300/0050	1/2	0.5	0.53		.039		.045	.015	.035		0.548	+.01	0.26	0.29	.117	.053	.035	.045	0.7
N1300/0051	-	0.512	0.542	±.002	.039		.045	.015	.035		0.56	-.01	0.27	0.3	.119	.053	.035	.045	0.77
N1300/0056	9/16	0.562	0.596		.039		.051	.017	.035		0.62		0.28	0.32	.137	.053	.035	.045	0.86
N1300/0062	5/8	0.625	0.665		.039		.06	.02	.035		0.694		0.35	0.39	.137	.06	.035	.06	1
N1300/0068	11/16	0.688	0.732		.039	+.003	.066	.022	.035		0.763		0.41	0.45	.137	.063	.036	.06	1.2
N1300/0075	3/4	0.75	0.796		.039	-.000	.069	.023	.035		0.831		0.45	0.5	.147	.07	.04	.06	1.3
N1300/0077	-	0.777	0.825		.046		.072	.024	.042		0.859		0.47	0.52	.151	.074	.044	.06	1.7
N1300/0091	13/16	0.812	0.862		.046		.075	.025	.042		0.901		0.49	0.53	.16	.077	.044	.06	1.9
N1300/0086	-	0.866	0.92		.046		.081	.027	.042	±.002	0.961		0.54	0.59	.16	.081	.045	.06	2
N1300/0087	7/8	0.875	0.931		.046		.084	.028	.042		0.971		0.55	0.6	.16	.084	.045	.06	2.1
N1300/0090	-	0.901	0.959	±.003	.046		.087	.029	.042		1	+.02	0.58	0.63	.16	.087	.047	.06	2.2
N1300/0093	15/16	0.938	1		.046		.093	.031	.042		1.041	-.01	0.61	0.67	.16	.091	.05	.06	2.4
N1300/0100	1	1	1.066		.046		.099	.033	.042		1.111		0.68	0.74	.16	.104	.052	.06	2.7
N1300/0102	-	1.023	1.091		.046		.102	.034	.042		1.136		0.7	0.76	.16	.106	.054	.06	2.8
N1300/0106	1 1/16	1.062	1.13		.056		.102	.034	.05		1.18		0.69	0.75	.185	.11	.055	.076	3.7
N1300/0112	1 1/8	1.125	1.197		.056		.108	.036	.05		1.249		0.75	0.82	.185	.116	.057	.076	4
N1300/0118	1 3/16	1.188	1.262		.056		.111	.037	.05		1.319		0.81	0.88	.185	.12	.058	.076	4.3
N1300/0125	1 1/4	1.25	1.33		.056		.12	.04	.05		1.388		0.88	0.95	.185	.124	.062	.076	4.8
N1300/0131	1 5/16	1.312	1.396	±.004	.056		.126	.042	.05		1.456	+.03	0.94	1.02	.185	.13	.062	.076	5
N1300/0137	1 3/8	1.375	1.461		.056		.129	.043	.05		1.526	-.02	1	1.08	.185	.13	.063	.076	5.1
N1300/0143	1 7/16	1.438	1.528		.056		.135	.045	.05		1.596		1.06	1.15	.185	.133	.065	.076	5.8
N1300/0145	-	1.456	1.548		.056		.138	.046	.05		1616		1.08	1.17	.185	.133	.065	.076	6
N1300/0150	1 1/2	1.5	1.594		.056	+.004	.141	.047	.05		1.66		1.13	1.22	.185	.133	.066	.076	6.1
N1300/0156	1 9/16	1.562	1.658		.068	-.000	.144	.048	.062		1.734		1.15	1.24	.205	.16	.079	.076	9.1
N1300/0162	1 5/8	1.625	1.725		.068		.15	.05	.062		1.804		1.21	1.31	.205	.16	.08	.076	10.1
N1300/0165	-	1.653	1.755		.068		.153	.051	.062		1.835		1.24	1.34	.205	.167	.083	.076	10.4
N1300/0168	1 11/16	1.688	1.792		.068		.156	.052	.062		1.874		1.27	1.38	.205	.17	.085	.076	10.8
N1300/0175	1 3/4	1.75	1.858	±.005	.068		.162	.054	.062	±.003	1.942	+.04	1.34	1.44	.205	.175	.082	.076	11.5
N1300/0181	1 13/16	1.812	1.922		.068		.165	.055	.062		2.012	-.03	1.4	1.51	.205	.17	.084	.091	12
N1300/0185	-	1.850	1.962		.068		.168	.056	.062		2.054		1.44	1.55	.205	.17	.085	.091	12.8
N1300/0187	1 7/8	1.875	1.989		.068		.171	.057	.062		2.072		1.46	1.58	.205	.17	.085	.091	12.8
N1300/0193	1 15/16	1.938	2.056		.068		.177	.059	.062		2.141		1.52	1.64	.205	.165	.079	.091	13.3

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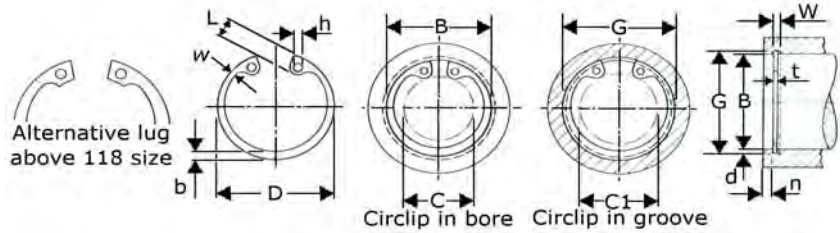
All dimensions in inches unless stated otherwise.

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## N1300 Standard Internal Circlips (Imperial) American Specifications



CODE	Bore		Groove (G)					Circlip (F)										Wt. lb/k	
	B		G	Tol.	W	Tol.	n d min ~	t	Tol.	D	Tol.	C	C1	L max	b ~	w ~	h min		
	frac	dec																	
N1300/0200	2	2	2.122	±.005	.068	+.004	.183	.061	.062		2.21		1.59	1.71	.205	.17	.085	.091	13
N1300/0206	2 1/16	2.062	2.186		.086		.186	.062	.078		2.28		1.61	1.73	.225	.186	.091	.091	18
N1300/0212	2 1/8	2.125	2.251		.086		.189	.063	.078		2.35		1.65	1.78	.236	.195	.096	.091	19.4
N1300/0218	2 3/16	2.188	2.318		.086		.195	.065	.078		2.415		1.71	1.84	.236	.199	.098	.091	19.6
N1300/0225	2 1/4	2.25	2.382		.086		.198	.066	.078		2.49		1.77	1.91	.236	.203	.107	.091	21.8
N1300/0231	2 5/16	2.312	2.45		.086		.207	.069	.078		2.56		1.84	1.98	.236	.205	.106	.091	22.6
N1300/0237	2 3/8	2.375	2.517		.086		.213	.071	.078		2.63		1.9	2.04	.236	.207	.108	.091	23.8
N1300/0244	2 7/16	2.44	2.584		.086		.216	.072	.078		2.702	+.04	1.96	2.11	.236	.205	.104	.108	25.3
N1300/0250	2 1/2	2.5	2.648		.086		.222	.074	.078		2.775	-.03	2.02	2.17	.236	.21	.103	.108	29.3
N1300/0256	2 9/16	2.562	2.714		.103		.228	.076	.093		2.844		2.02	2.18	.268	.222	.109	.108	30.4
N1300/0262	2 5/8	2.625	2.781		.103		.234	.078	.093		2.91		2.08	2.24	.268	.226	.118	.108	34.5
N1300/0268	2 11/16	2.688	2.848		.103		.24	.08	.093		2.98		2.15	2.31	.268	.236	.122	.108	36.2
N1300/0275	2 3/4	2.75	2.914		.103		.246	.082	.093		3.05		2.18	2.34	.284	.234	.114	.108	35.5
N1300/0281	2 13/16	2.812	2.98		.103		.252	.084	.093		3.121		2.24	2.4	.284	.23	.115	.108	39.2
N1300/0287	2 7/8	2.875	3.051		.103		.264	.088	.093		3.191		2.3	2.47	.284	.24	.125	.108	41
N1300/0300	3	3	3.182		.103		.273	.091	.093		3.325		2.43	2.6	.284	.25	.124	.108	42.5
N1300/0306	3 1/16	3.062	3.248		.12		.279	.093	.109		3.418		2.46	2.64	.299	.254	.126	.123	54.4
N1300/0312	3 1/8	3.125	3.315		.12		.285	.095	.109		3.488	±.003	2.52	2.71	.299	.26	.129	.123	56
N1300/0315	-	3.149	3.348	±.006		+.005	.288	.096	.109		3.523		2.55	2.74	.299	.26	.129	.123	57.1
N1300/0325	3 1/4	3.25	3.446		.12	-.000	.294	.098	.109		3.623		2.65	2.84	.299	.269	.135	.123	59.9
N1300/0334	3 11/32	3.346	3.546		.12		.3	.1	.109		3.734	±.06	2.69	2.89	.323	.276	.14	.123	63
N1300/0347	3 15/32	3.469	3.675		.12		.309	.103	.109		3.857		2.77	2.96	.35	.294	.143	.123	69
N1300/0350	3 1/2	3.5	3.71		.12		.315	.105	.109		3.89		2.8	2.9	.35	.294	.143	.123	71
N1300/0354	-	3.543	3.776		.12		.321	.107	.109		3.936		2.84	3.07	.35	.292	.142	.123	72.1
N1300/0362	3 5/8	3.625	3.841		.12		.324	.108	.109		4.024		2.92	3.13	.35	.298	.149	.123	73
N1300/0375	3 3/4	3.750	3.974		.12		.336	.112	.109		4.157		3.04	3.26	.35	.309	.155	.123	78
N1300/0387	3 7/8	3.875	4.107		.12		.348	.116	.109		4.291		3.17	3.4	.35	.312	.165	.123	87.1
N1300/0393	3 15/16	3.938	4.174		.12		.354	.118	.109		4.358		3.23	3.46	.35	.319	.166	.123	87.9
N1300/0400	4	4	4.24		.12		.36	.12	.109		4.424		3.24	3.47	.378	.33	.166	.123	95
N1300/0412	4 1/8	4.125	4.365		.12		.36	.12	.109		4.558		3.36	3.6	.378	.33	.171	.123	97
N1300/0425	4 1/4	4.25	4.49		.12		.36	.12	.109		4.691	±.07	3.49	3.72	.378	.335	.18	.123	100
N1300/0433	-	4.331	4.571		.12		.36	.12	.109		4.756		3.5	3.73	.413	.345	.18	.151	107
N1300/0450	4 1/2	4.5	4.74		.12		.36	.12	.109		4.94		3.67	3.9	.413	.351	.181	.151	111
N1300/0462	4 5/8	4.625	4.865		.12		.36	.12	.109		5.076		3.79	4.03	.413	.36	.185	.151	119
N1300/0475	4 3/4	4.75	4.995		.12		.366	.122	.109		5.213		3.92	4.16	.413	.37	.175	.151	124
N1300/0500	5	5	5.26		.12		.39	.13	.109		5.485		4.1	4.36	.445	.395	.218	.151	136
N1300/0525	5 1/4	5.25	5.52	±.007	.139	+.006	.405	.135	.125	±.004	5.77		4.31	4.58	.465	.408	.212	.151	175

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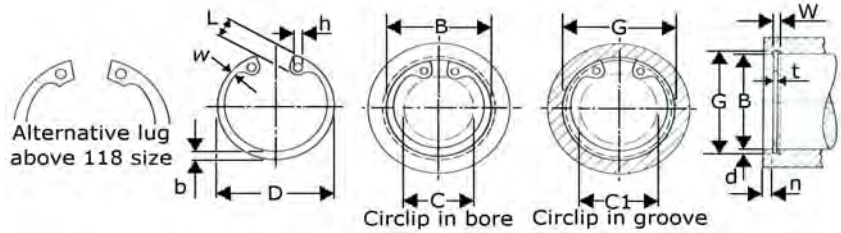
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CODE	Bore		Groove (G)						Circlip (F)									Wt. lb/k
	B		G	Tol.	W	Tol.	n d min ~	t	Tol.	D	Tol.	C	C1	L max	b ~	w ~	h min	
	frac	dec																
N1300/0537	5 3/8	5.375	5.65		.139		.405 .135 .125		5.91		4.44	4.71	.465	.408	.198	.151	179	
N1300/0550	5 1/2	5.5	5.77	±.007	.139	+.006	.405 .135 .125	±.004	6.066	±.07	4.56	4.83	.465	.408	.2	.151	189	
N1300/0575	5 3/4	5.75	6.02		.139		.405 .135 .125		6.336		4.81	5.08	.465	.408	.198	.151	195	
N1300/0600	6	6	6.27		.139		.405 .135 .125		6.62		5.06	5.33	.465	.416	.223	.151	204	
N1300/0625	6 1/4	6.25	6.53		.174		.42 .14 .156		6.895		5.34	5.61	.454	.441	.213	.182	263	
N1300/0650	6 1/2	6.5	6.79		.174		.435 .145 .156		7.17		5.59	5.87	.454	.441	.244	.182	281	
N1300/0662	6 5/8	6.625	6.925		.174		.45 .15 .156		7.308	±.08	5.71	6.01	.454	.441	.22	.182	300	
N1300/0675	6 3/4	6.75	7.055		.174		.456 .152 .156		7.445		5.73	6.03	.508	.456	.224	.182	325	
N1300/0700	7	7	7.315		.174		.471 .157 .156		7.72		5.91	6.22	.54	.485	.258	.182	344	
N1300/0725	7 1/4	7.25	7.575		.209		.486 .162 .187		7.995		6.1	6.42	.57	.49	.238	.182	428	
N1300/0750	7 1/2	7.5	7.84		.209		.51 .17 .187		8.27		6.35	6.69	.57	.507	.282	.182	476	
N1300/0775	7 3/4	7.75	8.1		.209		.525 .175 .187		8.545		6.62	6.97	.56	.5	.241	.182	520	
N1300/0800	8	8	8.36	±.008	.209	+.008 -0.00	.54 .18 .187	±.005	8.82		6.79	7.15	.6	.55	.28	.182	555	
N1300/0825	8 1/4	8.25	8.62		.209		.555 .185 .187		9.095		7.04	7.41	.6	.548	.26	.182	603	
N1300/0850	8 1/2	8.5	8.88		.209		.57 .19 .187		9.285	±.09	7.23	7.6	.632	.573	.277	.182	634	
N1300/0875	8 3/4	8.75	9.145		.209		.591 .197 .187		9.558		7.48	7.88	.632	.576	.283	.182	653	
N1300/0900	9	9	9.405		.209		.606 .202 .187		9.83		7.73	8.13	.632	.592	.294	.182	732	
N1300/0925	9 1/4	9.25	9.668		.209		.627 .209 .187		10.102		7.98	8.39	.632	.622	.299	.182	767	
N1300/0950	9 1/2	9.5	9.93		.209		.645 .215 .187		10.375		8.23	8.65	.632	.622	.354	.182	803	
N1300/0975	9 3/4	9.75	10.19		.209		.66 .22 .187		10.648		8.5	8.93	no lug	.622	.295	.182	833	
N1300/1000	10	10	10.45		.209		.675 .225 .187		10.92		8.75	9.19		.622	.295	.182	863	

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