N1400 (continued)

SIZE CODE	Shaft (S)		Groove (G)						Circlip (F)										Wt.	Tc†	Tg†
	S		G	Tol.	W	Tol.	n (min)	d ~	t	Tol.	D	Tol.	C	C1	L (max)	b ~	w ~	h (min)	(lb/k)	(lb.f)	(lb.f)
	(frac)	(dec)																			
0043	7/16	0.438	0.412		.029		.042	.013	.025		0.395	+.002 −.005	0.66	0.64	.091	.055	.033	.039	0.50	1550	322
0046	15/32	0.469	0.443		.029		.042	.013	.025		0.428		0.68	0.66	.091	.060	.035	.039	0.54	1660	345
0050	1/2	0.500	0.468	± .002	.039		.051	.016	.035		0.461		0.77	0.74	.111	.065	.040	.045	0.91	2470	452
0055	—	0.551	0.519		.039		.051	.016	.035		0.509		0.81	0.78	.111	.053	.036	.045	0.90	2730	500
0056	9/16	0.562	0.530		.039		.051	.016	.035		0.521		0.82	0.79	.111	.072	.041	.045	1.10	2780	508
0059	19/32	0.594	0.559		.039		.057	.017	.035		0.550		0.86	0.83	.112	.076	.043	.045	1.20	2940	588
0062	5/8	0.625	0.588		.039		.060	.018	.035		0.579		0.90	0.87	.113	.080	.045	.045	1.30	3090	654
0066	43/64	0.672	0.631		.039	+.003 −.000	.066	.020	.035		0.621		0.93	0.89	.113	.082	.043	.045	1.40	3320	780
0068	11/16	0.688	0.646		.046		.068	.021	.042		0.635	+.005 −.010	1.01	0.97	.140	.084	.048	.050	1.80	4080	817
0075	3/4	0.750	0.704		.046		.074	.023	.042		0.693		1.09	1.05	.140	.092	.051	.050	2.10	4450	975
0078	25/32	0.781	0.733	± .003	.046		.076	.024	.042		0.722		1.12	1.08	.140	.094	.052	.050	2.2	4600	1060
0081	13/16	0.812	0.762		.046		.080	.025	.042		0.751		1.15	1.10	.140	.096	.054	.050	2.5	4800	1150
0087	7/8	0.875	0.821		.046		.085	.027	.042	± .002	0.810		1.21	1.16	.141	.104	.057	.050	2.8	5200	1340
0093	15/16	0.938	0.882		.046		.088	.028	.042		0.867		1.34	1.29	.170	.110	.063	.076	3.1	5600	1480
0098	63/64	0.984	0.926		.046		.091	.029	.042		0.910		1.39	1.34	.171	.114	.065	.076	3.5	5800	1610
0100	1	1.000	0.940		.046		.094	.030	.042		0.925		1.41	1.35	.171	.116	.065	.076	3.6	5900	1700
0102	—	1.023	0.961		.046		.097	.031	.042		0.946		1.43	1.37	.172	.118	.066	.076	3.9	6100	1790
0106	1.1/16	1.062	0.998		.056		.102	.032	.050		0.982		1.50	1.44	.185	.122	.069	.076	4.8	7500	1920
0112	1.1/8	1.125	1.059		.056		.105	.033	.050		1.041		1.55	1.49	.186	.128	.071	.076	5.1	7900	2100
0118	1.3/16	1.188	1.118		.056		.111	.035	.050		1.098		1.61	1.54	.186	.132	.072	.076	5.6	8400	2350
0125	1.1/4	1.250	1.176	± .004	.056		.117	.037	.050		1.156	+.010 −.015	1.69	1.62	.187	.140	.076	.076	5.9	8800	2610
0131	1.5/16	1.312	1.232		.056		.126	.040	.050		1.214		1.75	1.67	.187	.146	.077	.076	6.8	9300	2970
0137	1.3/8	1.375	1.291		.056		.132	.042	.050		1.272		1.80	1.72	.188	.152	.082	.076	7.2	9700	3270
0143	1.7/16	1.438	1.350		.056		.138	.044	.050		1.333		1.87	1.79	.188	.160	.086	.076	8.1	10200	3580
0150	1.1/2	1.500	1.406		.056	+.004 −.000	.147	.047	.050		1.387		1.99	1.90	.218	.168	.091	.118	9.0	10600	3990
0156	1.9/16	1.562	1.468		.068		.148	.047	.062		1.446		1.95	1.85	.189	.180	.093	.123	11.7	10700	4150
0162	1.5/8	1.625	1.529		.068		.151	.048	.062		1.503		2.17	2.08	.239	.180	.097	.123	12.8	11100	4410
0168	1.11/16	1.688	1.589		.068		.156	.049	.062		1.560		2.04	1.95	.205	.197	.099	.123	13.2	11500	4720
0175	1.3/4	1.750	1.650		.068		.157	.050	.062		1.618	+.013 −.020	2.11	2.01	.205	.197	.101	.123	13.8	11900	4950
0177	—	1.772	1.669	± .005	.068		.162	.051	.062		1.618		2.19	2.09	.205	.197	.102	.123	14.1	12100	5160
0181	1.13/16	1.812	1.708		.068		.163	.052	.062		1.675		2.23	2.13	.205	.197	.102	.123	14.7	12400	5330
0187	1.7/8	1.875	1.769		.068		.166	.053	.062		1.735		2.29	2.19	.205	.197	.104	.123	15.5	12800	5620
0196	—	1.968	1.857		.068		.174	.055	.062		1.819		2.39	2.27	.205	.197	.106	.123	18.2	13400	5170
0200	2	2.000	1.886		.068		.178	.057	.062		1.850		2.48	2.36	.232	.224	.108	.123	19.2	13600	6450
0206	2.1/16	2.062	1.946		.086		.183	.058	.078		1.906		2.52	2.40	.225	.217	.111	.123	22.6	17700	6760
0212	2.1/8	2.125	2.003		.086		.192	.061	.078		1.964		2.61	2.48	.236	.228	.113	.123	24.4	18200	7330
0215	2.5/32	2.156	2.032		.086		.195	.062	.078		1.993		2.62	2.49	.225	.217	.113	.123	26.6	18500	7560
0225	2.1/4	2.250	2.120		.086		.204	.065	.078		2.081	+.015 −.025	2.87	2.74	.272	.220	.116	.123	26.0	19300	8270
0231	2.5/16	2.312	2.178		.086		.210	.067	.078		2.139		2.94	2.81	.272	.222	.118	.123	28.4	19800	8760
0237	2.3/8	2.375	2.239		.086		.213	.068	.078		2.197		2.86	2.72	.236	.228	.119	.123	27.9	20400	9130
0243	2.7/16	2.438	2.299		.086		.217	.069	.078		2.255		2.92	2.78	.236	.228	.120	.123	29.4	20900	9580
0250	2.1/2	2.500	2.360		.086		.219	.070	.078		2.313		2.98	2.84	.236	.228	.122	.123	29.7	21400	9900
0255	—	2.559	2.419		.086		.219	.070	.078		2.377		3.09	2.94	.258	.250	.125	.123	31.7	21900	10100
0262	2.5/8	2.625	2.481		.086		.225	.072	.078		2.428		3.11	2.96	.236	.228	.127	.123	35.0	22500	10700
0268	2.11/16	2.688	2.541		.086		.230	.073	.078		2.485		3.32	3.18	.273	.246	.129	.123	36.0	23000	11200
0275	2.3/4	2.750	2.602		.103		.231	.074	.093		2.543		3.33	3.18	.284	.276	.131	.123	47.0	28100	11500
0287	2.7/8	2.875	2.721		.103	+.005 −.000	.240	.077	.093	± .003	2.659		3.42	3.26	.268	.260	.133	.123	48.4	29400	12500
0293	2.15/16	2.938	2.779		.103		.247	.079	.093		2.717		3.49	3.32	.268	.260	.136	.123	50.0	30000	13200
0300	3	3.000	2.838		.103		.252	.081	.093		2.775		3.55	3.38	.268	.260	.138	.123	51.5	30700	13700
0306	3.1/16	3.062	2.898		.103		.255	.082	.093		2.832		3.61	3.44	.268	.260	.131	.123	56.8	31300	14200
0312	3.1/8	3.125	2.957	± .006	.103		.261	.084	.093		2.892		3.75	3.57	.305	.272	.141	.123	57.9	32000	14800
0315	3.5/32	3.156	2.986		.103		.264	.085	.093		2.920		3.74	3.56	.284	.276	.143	.123	59.0	32300	15200
0325	3.1/4	3.250	3.076		.103		.270	.087	.093		3.006		3.83	3.65	.284	.276	.145	.123	61.9	33200	16000
0334	3.11/32	3.346	3.166		.103		.279	.090	.093		3.092	+.020 −.030	3.93	3.74	.284	.276	.147	.123	63.9	34200	17000
0343	3.7/16	3.438	3.257		.103		.280	.090	.093		3.179		4.02	3.83	.284	.276	.148	.123	65.9	35200	17600
0350	3.1/2	3.500	3.316		.120		.285	.092	.109		3.237		4.15	3.96	.320	.285	.148	.123	71.9	42000	18200
0354	—	3.543	3.357		.120		.288	.093	.109		3.277		4.20	4.00	.320	.288	.149	.123	72.9	42500	18600
0362	3.5/8	3.625	3.435		.120		.294	.095	.109		3.352		4.28	4.09	.323	.315	.153	.123	76.0	43400	19500
0368	3.11/16	3.688	3.493		.120		.301	.097	.109		3.410		4.31	4.11	.335	.302	.156	.123	80.0	44200	20300
0375	3.3/4	3.750	3.552		.120		.306	.099	.109		3.468		4.44	4.23	.337	.310	.160	.123	82.9	44900	21000
0387	3.7/8	3.875	3.673		.120		.312	.101	.109		3.584		4.56	4.35	.335	.318	.163	.123	87.9	46400	22100
0393	3.15/16	3.938	3.734		.120		.315	.102	.109		3.642		4.60	4.39	.323	.318	.163	.123	95.0	47200	22700
0400	4	4.000	3.792		.120		.321	.104	.109		3.700		4.72	4.50	.352	.344	.163	.123	100	47900	23500
0425	4.1/4	4.250	4.065		.120		.287	.092	.109		3.989		4.91	4.72	.323	.318	.176	.123	112	50900	22200
0437	4.3/8	4.375	4.190		.120		.287	.092	.109		4.106		5.04	4.84	.323	.318	.181	.123	115	52400	22900
0450	4.1/2	4.500	4.310		.120		.294	.095	.109		4.223		5.16	4.96	.323	.285	.128	.123	100	53900	24200
0475	4.3/4	4.750	4.550		.120		.309	.100	.109		4.458		5.47	5.26	.352	.303	.136	.123	113	56900	26900
0500	5	5.000	4.790		.120		.324	.105	.109		4.692		5.72	5.50	.352	.344	.194	.151	149	59900	29700
0525	5.1/4	5.250	5.030		.139		.339	.110	.125		4.927		6.18	5.95	.457	.372	.211	.151	188	72200	32700
0550	5.1/2	5.500	5.265	± .007	.139	+.006 −.000	.363	.117	.125	± .004	5.162	+.020 −.040	6.43	6.19	.457	.390	.209	.151	196	75600	36500
0575	5.3/4	5.750	5.505		.139		.378	.122	.125		5.396		6.68	6.43	.457	.408	.220	.151	199	79000	39800
0600	6	6.000	5.745		.139		.393	.127	.125		5.631		6.93	6.67	.457	.381	.171	.151	212	82500	43300
0625	6.1/4	6.250	5.985		.174		.409	.132	.156		5.866	+.020 −.050	7.28	7.01	.508	.396	.176	.151	281	107000	46800
0650	6.1/2	6.500	6.225		.174		.425	.137	.156		6.100		7.53	7.25	.508	.438	.236	.151	322	112000	50500
0675	6.3/4	6.750	6.465		.174		.440	.142	.156		6.335		7.78	7.49	.508	.456	.246	.182	356	116000	54400
0700	7	7.000	6.705		.174	+.008 −.000	.455	.147	.156		6.570		8.03	7.73	.508	.460	.256	.182	388	120000	58400
0750	7.1/2	7.500	7.180	± .008	.209		.492	.160	.187	± .005	7.039		8.78	8.45	.632	.507	.269	.182	534	143000	67900
0800	8	8.000	7.660		.209		.522	.170	.187		7.508		9.27	8.93	.632	.540	.287	.182	628	153000	76900
0850	8.1/2	8.500	8.140		.209		.552	.180	.187		7.977	+.020 −.160	9.78	9.41	.632	.573	.305	.182	700	163000	86500
0900	9	9.000	8.620		.209		.582	.190	.187		8.445		10.25	9.87	No Lugs.	.609	.324	.182	756	172000	96700
0950	9.1/2	9.500	9.100		.209		.612	.200	.187		8.915		10.78	10.38		.625	.347	.182	820	181000	107400
1000	10	10.000	9.575		.209		.650	.212	.187		9.385		11.27	10.85	.632	.625	.357	.182	964	191000	120200