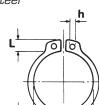


0.125" to 10.00"

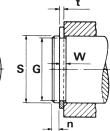
Standard Material 12 to 23 Beryllium Copper 25 up Carbon Spring Steel

Standard Finish









1400	12 to 23 Self Finish 25 up Phosphate MS 16624	L
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PART		SHAFT						RING					GROOVE						THRUST	PLIER					
NUMBER		DIAMETER S							Тніскі	NESS	FREE D	AMETER						DIAMETER WIDTH					APPROX Wt. lb /	LOAD	No.
	Frac. inch	Dec. inch	mm	t inches	Tol. inches	D inches	Tol. inches	С	C1	L (max)	b ~	h (min)	G inches	Tol. inches	W inches	Tol. inches	n (min)	1000 PCS.	(LBS)						
1400-12	1/8	.125	-	.010	±.001	.112		.222	.214	.048	.018	.024	.117		.012		.014	.018	110						
1400-15	5/32	.156	-	.010		.142	+.002	.270	.260	.056	.026	.024	.146		.012		.017	.037	130						
1400-18	3 <sub>/16</sub>	.188	-	.015		.168	004	.298	.286	.052	.025	.023	.175	±.0015	.018	+.002	.022	.059	240	Mini					
1400-19	_	.197	5	.015		.179		.319	.307	.058	.026	.024	.185		.018	000	.020	.063	250	Α					
1400-21	7/32	.219	-	.015		.196		.338	.324	.058	.028	.024	.205		.018		.023	.074	280						
1400-23	<sup>15</sup> /64	.236	-	.015		.215		.355	.341	.058	.030	.024	.222		.018		.023	.086	310						
1400-25	1/4	.250	-	.025		.225		.45	.43	.083	.035	.039	.230		.029		.032	.21	700						
1400-27	_	.276	7	.025		.250		.48	.46	.084	.035	.039	.255		.029		.035	.23	770						
1400-28	9/32	.281	-	.025		.256		.49	.47	.083	.038	.039	.261		.029		.033	.24	785	Mini					
1400-31	<sup>5</sup> /16	.312	-	.025		.281		.54	.52	.090	.040	.039	.290		.029		.036	.27	940	В					
1400-34	11/32	.344	-	.025		.309		.57	.55	.090	.042	.039	.321		.029		.038	.31	960						
1400-35	_	.354	9	.025		.320	+.002	.59	.57	.090	.046	.039	.330		.029		.038	.35	990						
1400-37	3/8	.375	-	.025		.338	005	.61	.59	.091	.050	.039	.352	±.002	.029		.038	.39	1050						
1400-39	_	.394	10	.025		.354		.62	.60	.090	.052	.039	.369		.029		.041	.42	1100						
1400-40	13/32	.406	-	.025		.366		.63	.61	.090	.054	.039	.382		.029		.039	.43	1180						
1400-43	<sup>7</sup> /16	.438	_	.025		.395		.66	.64	.091	.055	.039	.412		.029		.042	.50	1220						
1400-46	15/32	.469	-	.025		.428		.68	.66	.091	.060	.039	.443		.029		.042	.54	1300						
1400-50	1/2	.500	_	.035		.461		.77	.74	.111	.065	.045	.468		.039		.051	.91	1980						
1400-55	_	.551	14	.035		.509		.81	.78	.111	.053	.045	.519		.039	+.003	.051	.90	2180						
1400-56	9 <sub>/16</sub>	.562	-	.035		.521		.82	.79	.111	.072	.045	.530		.039	000	.051	1.1	2220	Std. 2					
1400-59	19/32	.594	_	.035	±.002	.550		.86	.83	.112	.076	.045	.559		.039		.057	1.2	2350						
1400-62	5/8	.625	-	.035		.579		.90	.87	.113	.080	.045	.588		.039		.060	1.3	2460						
1400-66	-	.669	17	.035		.621		.93	.89	.113	.082	.045	.629		.039		.066	1.4	2650						
1400-66	43/64	.672	_	.035		.621		.93	.89	.113	.082	.045	.631		.039		.066	1.4	2650						
1400-68	11/16	.688	_	.042		.635	+.005	1.01	.97	.140	.084	.050	.646		.046		.068	1.8	4050						
1400-75	3/4	.750	_	.042		.693	010	1.09	1.05	.140	.092	.050	.704	±.003	.046		.074	2.1	4420						
1400-78	25/32	.781	_	.042		.722		1.12	1.08	.140	.094	.050	.733		.046		.076	2.2	4600						
1400-81	13/16	.812	_	.042		.751		1.15	1.10	.140	.096	.050	.762		.046		.080	2.5	4800						
1400-87	7/8	.875	_	.042		.810		1.21	1.16	.141	.104	.050	.821		.046		.085	2.8	5150						
1400-93	15/16	.938	_	.042		.867		1.34	1.29	.170	.110	.076	.882		.046		.088	3.1	5600						
1400-98	63/64	.984	25	.042		.910		1.39	1.34	.171	.114	.076	.926		.046		.091	3.5	5800						
1400-100	1	1.000	_	.042		.925		1.41	1.35	.171	.116	.076	.940		.046		.094	3.6	6000						
1400-102		1.023	26	.042		.946		1.43	1.37	.172	.118	.076	.961		.046		.097	3.9	6050						
1400-106	1 <sup>1</sup> /16	1.062	_	.050		.982		1.50	1.44	.185	.122	.076	.998		.056		.102	4.8	7500						
1400-112	1 <sup>1</sup> /8	1.125	_	.050		1.041		1.55	1.49	.186	.128	.076	1.059		.056		.105	5.1	7900	Std. 4					
1400-118	1 <sup>3</sup> /16	1.187	_	.050		1.098		1.61	1.54	.186	.132	.076	1.118		.056		.111	5.6	8400						
1400-125	11/4	1.250	_	.050		1.156	+.010	1.69	1.62	.187	.140	.076	1.176		.056		.117	5.9	8800						
1400-131	1 <sup>5</sup> /16	1.312	_	.050		1.214	015	1.75	1.67	.187	.146	.076	1.232	±.004	.056		.126	6.8	9300						
1400-137	13/8	1.375	_	.050		1.272		1.80	1.72	.188	.152	.076	1.291	2.001	.056		.132	7.2	9700						
1400-143	1 <sup>7</sup> /16	1.438	_	.050		1.333		1.87	1.79	.188	.160	.076	1.350		.056		.138	8.1	10200						
1400-150	11/2	1.500	_	.050		1.387		1.99	1.90	.210	.168	.118	1.406		.056	+.004	.147	9.0	10550						
1400-156	1 <sup>9</sup> /16	1.562	_	.062		1.446		2.10	2.01	.189	.180	.123	1.468		.068	000	.148	12.4	13700						
1400-162	15/8	1.625	_	.062		1.503		2.17	2.08	.239	.180	.123	1.529		.068	.000	.151	13.2	14200						
1400-168	111/16	1.688	_	.062		1.560		2.24	2.15	.205	.197	.123	1.589		.068		.156	14.8	14800	Std. 6					
1400-175	13/4	1.750	_	.062	±.003	1.618	+.013	2.31	2.21	.205	.197	.123	1.650		.068		.157	15.3	15300	5.u. 0					
1400-173	1 -/4	1.772	45	.062	2.000	1.637	020	2.33	2.23	.205	.197	.123	1.669	±.005	.068		.162	15.4	15500						
1400-181	1 <sup>13</sup> /16	1.812	-	.062		1.675	.020	2.38	2.28	.205	.197	.123	1.708	2.000	.068		.163	16.2	15850						
1400-101	17/8	1.875	_	.062		1.735		2.44	2.34	.205	.197	.123	1.769		.068		.166	17.3	16400						
1400-187	11/8	1.968	50	.062		1.819		2.54	2.43	.205	.197	.123	1.857	±.006	.068		.174	18.0	16900						
1400-130	_	1.500	50	.002		1.019		2.04	2.40	.205	.13/	.120	1.007	±.000	.000		.174	10.0	10300						





## 0.125" to 10.00"

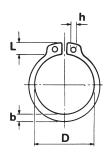
Standard Material 12 to 23 Beryllium Copper 25 up Carbon Spring Steel

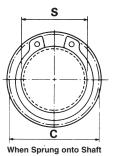
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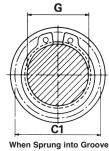
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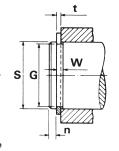












PART		SHAFT						RING							GROOVE	APPROX	THRUST	PLIER		
NUMBER				Тніскі	NESS	FREE D	AMETER						DIAM		Win	TH		WT. LB /	LOAD	No.
	Frac. inch	Dec. inch	mm	t inches	Tol. inches	D inches	Tol. inches	С	C1	L (max)	b ~	h (min)	G inches	Tol. inches	W inches	Tol. inches	n (min)	1000 PCS.	(LBS)	
1400-200	2	2.000	-	.062		1.850	+.013 020	2.55	2.44	.232	.224	.123	1.886		.068	+.004 000	.178	19.0	17500	
1400-206	2 <sup>1</sup> /16	2.062	-	.078		1.906		2.68	2.57	.225	.217	.123	1.946		.086		.183	25.0	22750	
1400-212	2 <sup>1</sup> /8	2.125	-	.078		1.964		2.75	2.63	.236	.228	.123	2.003		.086		.192	26.1	23400	
1400-215	2 <sup>5</sup> /32	2.156	-	.078		1.993		2.78	2.66	.225	.217	.123	2.032		.086		.195	26.3	23800	
1400-225	2 <sup>1</sup> /4	2.250	-	.078		2.081	+.015	2.87	2.74	.272	.220	.123	2.120		.086		.204	27.7	24800	
1400-231	2 <sup>5</sup> /16	2.312	-	.078		2.139	025	2.94	2.81	.272	.222	.123	2.178		.086		.210	28.0	25400	
1400-237	2 <sup>3</sup> /8	2.375	-	.078		2.197		3.01	2.88	.236	.228	.123	2.239		.086		.213	29.2	26150	
1400-243	2 <sup>7</sup> /16	2.438	-	.078		2.255		3.07	2.94	.236	.228	.123	2.299		.086		.217	29.5	26900	
1400-250	2 <sup>1</sup> /2	2.500	-	.078		2.313		3.12	2.98	.236	.228	.123	2.360		.086		.219	29.7	27600	
1400-255	-	2.559	65	.078		2.377		3.18	3.04	.258	.250	.123	2.419		.086		.219	33.9	28200	
1400-262	2 <sup>5</sup> /8	2.625	-	.078		2.428		3.25	3.11	.236	.228	.123	2.481		.086		.225	35.0	29000	
1400-268	2 <sup>11</sup> /16	2.688	-	.078		2.485		3.32	3.18	.273	.246	.123	2.541		.086		.230	36.0	29600	
1400-275	2 <sup>3</sup> /4	2.750	-	.093		2.543		3.45	3.31	.284	.275	.123	2.602		.103		.231	42.5	36100	Std. 6
1400-287	2 <sup>7</sup> /8	2.875	-	.093		2.659		3.57	3.42	.268	.260	.123	2.721		.103		.240	48.5	37800	
1400-293	2 <sup>15</sup> /16	2.938	-	.093	±.003	2.717		3.64	3.49	.268	.260	.123	2.779		.103		.247	50.0	38700	
1400-300	3	3.000	-	.093		2.775		3.69	3.53	.268	.260	.123	2.838		.103		.252	52.0	39500	
1400-306	3 <sup>1</sup> /16	3.062	-	.093		2.832		3.74	3.58	.268	.260	.123	2.898	±.006	.103	+.005	.255	47.5	40300	
1400-312	3 <sup>1</sup> /8	3.125	-	.093		2.892		3.82	3.66	.305	.272	.123	2.957		.103	000	.261	58.0	41100	
1400-315	3 <sup>5</sup> /32	3.156	-	.093		2.920		3.85	3.68	.284	.276	.123	2.986		.103		.264	59.0	41500	
1400-325	3 <sup>1</sup> /4	3.250	-	.093		3.006		3.95	3.78	.284	.276	.123	3.076		.103		.270	62.0	42800	
1400-334	311/32	3.346	85	.093		3.092	+.020	4.04	3.87	.284	.276	.123	3.166		.103		.279	64.0	44000	
1400-343	3 <sup>7</sup> /16	3.438	-	.093		3.179	030	4.14	3.96	.284	.276	.123	3.257		.103		.280	66.0	45300	
1400-350	3 <sup>1</sup> /2	3.500	-	.109		3.237		4.25	4.07	.320	.285	.123	3.316		.120		.285	72.0	53900	
1400-354	_	3.543	90	.109		3.277		4.29	4.11	.320	.288	.123	3.357		.120		.288	73.0	54650	
1400-362	3 <sup>5</sup> /8	3.625	-	.109		3.352		4.37	4.18	.323	.315	.123	3.435		.120		.294	76.0	55900	
1400-368	3 <sup>11</sup> /16	3.688	-	.109		3.410		4.43	4.24	.335	.302	.123	3.493		.120		.301	80.0	56800	
1400-375	3 <sup>3</sup> /4	3.750	-	.109		3.468		4.50	4.31	.337	.310	.123	3.552		.120		.306	83.0	57700	
1400-387	3 <sup>7</sup> /8	3.875	-	.109		3.584		4.60	4.40	.335	.318	.123	3.673		.120		.312	88.0	59600	
1400-393	3 <sup>15</sup> /16	3.938	100	.109		3.642		4.70	4.50	.323	.318	.123	3.734		.120		.315	95.0	60700	
1400-400	4	4.000	-	.109		3.700		4.78	4.58	.352	.344	.123	3.792		.120		.321	101.0	61700	
1400-425	4 <sup>1</sup> /4	4.250	-	.109		3.989		5.09	4.91	.323	.318	.123	4.065		.120		.287	112.0	65500	
1400-437	4 <sup>3</sup> /8	4.375	-	.109		4.106		5.22	5.04	.323	.318	.123	4.190		.120		.287	115.0	67400	
1400-450	4 <sup>1</sup> /2	4.500	-	.109		4.223		5.37	5.18	.323	.285	.123	4.310		.120		.294	121.0	69300	
1400-475	4 <sup>3</sup> /4	4.750	-	.109		4.458		5.67	5.47	.352	.303	.123	4.550		.120		.309	133.0	73200	
1400-500	5	5.000	127	.109		4.692		5.96	5.75	.352	.344	.151	4.790		.120		.324	149.0	77000	Major
1400-525	5 <sup>1</sup> /4	5.250	-	.125	. 004	4.927	. 000	6.27	6.05	.457	.372	.151	5.030	. 007	.139	. 000	.339	190.0	92700	
1400-550	5 <sup>1</sup> /2	5.500	-	.125	±.004	5.162	+.020	6.57	6.34	.457	.390	.151	5.265	±.007	.139	+.006	.363	202.0	97200	
1400-575	5 <sup>3</sup> /4	5.750	-	.125		5.396	040	6.86	6.62	.457	.408	.151	5.505		.139	000	.378	220.0	101600	
1400-600	6	6.000	-	.125		5.631		7.16	6.91	.457	.381	.151	5.745		.139		.393	240.0	105900	
1400-625	6 <sup>1</sup> /4	6.250	-	.156		5.866	000	7.46	7.20	.508	.396	.151	5.985		.174		.409	282.0	137700	
1400-650	6 <sup>1</sup> /2	6.500	-	.156		6.100	+.020	7.87	7.60	.508	.438	.151	6.225		.174		.425	330.0	143300	
1400-675	6 <sup>3</sup> /4	6.750	-	.156	. 005	6.335	030	8.06	7.78	.508	.458	.182	6.465	. 000	.174	. 000	.440	356.0	148800	
1400-700	7	7.000	-	.156	±.005	6.570		8.15	8.07	.508	.460	.182	6.705	±.008	.174	+.008	.455	388.0	154000	
1400-750	7 <sup>1</sup> /2	7.500	-	.187		7.009		8.96	8.64	.632	.507	.182	7.180		.209	000	.492	584.0	198200	
1400-800	8	8.000	-	.187		7.478	000	9.60	9.26	.632	.540	.182	7.660		.209		.522	640.0	211400	
1400-850	8 <sup>1</sup> /2	8.500	-	.187		7.947	+.020	10.10	9.74	.632	.573	.182	8.140		.209		.562	692.0	224600	
1400-900	9	9.000	-	.187		8.415	030	10.60	10.22	.632	.609	.182	8.620		.209		.582	737.0	237800	
1400-950	9 <sup>1</sup> /2	9.500	-	.187		8.885		11.10	10.70	.632	.625	.182	9.100		.209		.612	785.0	251000	
1400-1000	10	10.000	254	.187		9.355		11.60	11.20	.632	.625	.182	9.575		.209		.650	910.0	264200	