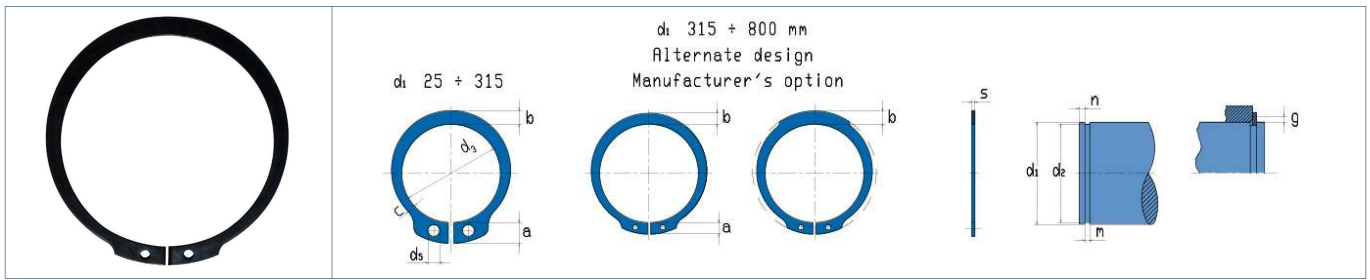


# 2100-5100

# ANELLI ELASTICI PER ALBERI RETAINING RINGS FOR SHAFTS

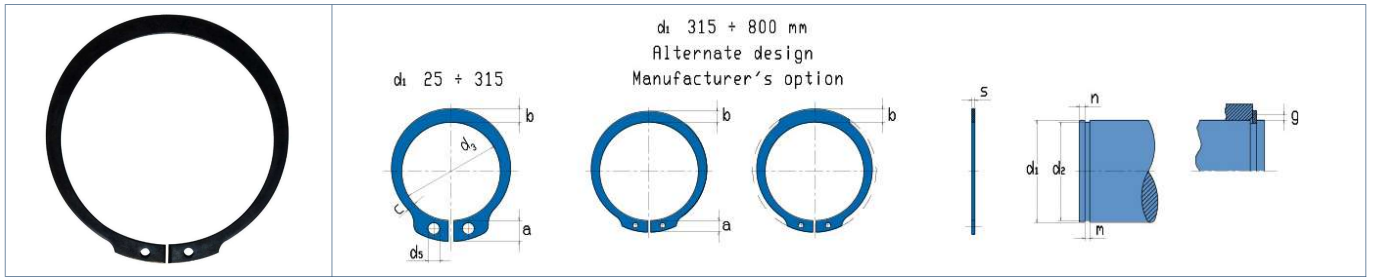


### Dimensions in inch

Ring no.	SIZE		RING DIMENSIONS										GROOVE DIMENSIONS				SUPPLEMENTARY DATA				PLIERS						
	d1	d1 frac.	s	tol	d3	tol	a	tol	b	tol	c	tol	d5	tol	d2	tol	m	tol	n	FN	FR	g	FRg kN	nabl	lbs/1000	straight	bent
25	.250	1/4	.025	±.002	.225	+ .002 - .004	.080	±.003	.035	±.003	.0250	±.003	.041	+ .010 - .002	.230	±.0015	.029	+ .003 - .000	.030	175	599	.011	470	80.000	.211	A0	A01
27	.276	-	.025	±.002	.250	+ .002 - .005	.081	±.003	.035	±.003	.0240	±.003	.041	+ .010 - .002	.255	±.002	.029	+ .003 - .000	.031	195	660	.011	470	76.000	.220	A0	A01
28	.281	9/32	.025	±.002	.256	+ .002 - .005	.080	±.003	.038	±.003	.0250	±.003	.041	+ .010 - .002	.261	±.002	.029	+ .003 - .000	.030	200	670	.012	470	74.000	.264	A0	A01
31	.312	5/16	.025	±.002	.281	+ .002 - .005	.087	±.003	.040	±.003	.0260	±.003	.041	+ .010 - .002	.290	±.002	.029	+ .003 - .000	.033	240	751	.012	470	70.000	.284	A0	A01
34	.344	11/32	.025	±.002	.309	+ .002 - .005	.087	±.003	.042	±.003	.0265	±.003	.041	+ .010 - .002	.321	±.002	.029	+ .003 - .000	.033	265	812	.013	470	64.000	.308	A0	A01
35	.354	-	.025	±.002	.320	+ .002 - .005	.087	±.003	.046	±.003	.0290	±.003	.041	+ .010 - .002	.330	±.002	.029	+ .003 - .000	.036	300	832	.014	470	62.000	.352	A0	A01
37	.375	3/8	.025	±.002	.338	+ .002 - .005	.088	±.003	.050	±.003	.0305	±.003	.041	+ .010 - .002	.352	±.002	.029	+ .003 - .000	.036	320	883	.016	470	60.000	.372	A0	A01
39	.394	-	.025	±.002	.354	+ .002 - .005	.087	±.003	.052	±.003	.0310	±.003	.041	+ .010 - .002	.369	±.002	.029	+ .003 - .000	.037	335	954	.016	470	56.500	.396	A0	A01
40	.406	13/32	.025	±.002	.366	+ .002 - .005	.087	±.003	.054	±.003	.0330	±.003	.041	+ .010 - .002	.382	±.002	.029	+ .003 - .000	.036	350	964	.017	470	55.000	.418	A0	A01
43	.438	7/16	.025	±.002	.395	+ .002 - .005	.088	±.003	.055	±.003	.0330	±.003	.041	+ .010 - .002	.412	±.002	.029	+ .003 - .000	.039	400	1.035	.018	470	50.000	.453	A0	A01
46	.469	15/32	.025	±.002	.428	+ .002 - .005	.088	±.003	.060	±.003	.0350	±.003	.041	+ .010 - .002	.443	±.002	.029	+ .003 - .000	.039	450	1.117	.018	470	42.000	.572	A0	A01
50	.500	1/2	.035	±.002	.461	+ .002 - .005	.108	±.003	.065	±.004	.0400	±.004	.047	+ .010 - .002	.468	±.002	.039	+ .003 - .000	.048	550	1.675	.020	910	40.000	.902	A0	A01
55	.551	-	.035	±.002	.509	+ .005 - .010	.108	±.003	.053	±.004	.0360	±.004	.047	+ .010 - .002	.519	±.002	.039	+ .003 - .000	.048	600	1.800	.017	910	36.000	.814	A0	A01
56	.562	9/16	.035	±.002	.521	+ .005 - .010	.108	±.003	.072	±.004	.0410	±.004	.047	+ .010 - .002	.530	±.002	.039	+ .003 - .000	.048	650	1.878	.023	910	35.000	1.100	A0	A01
59	.594	19/32	.035	±.002	.550	+ .005 - .010	.109	±.003	.076	±.004	.0430	±.004	.047	+ .010 - .002	.559	±.003	.039	+ .003 - .000	.052	750	1.979	.024	910	32.000	1.188	A0	A01
62	.625	5/8	.035	±.002	.579	+ .005 - .010	.110	±.003	.080	±.004	.0450	±.004	.047	+ .010 - .002	.588	±.003	.039	+ .003 - .000	.055	800	2.091	.025	910	30.000	1.311	A0	A01
66	.669	-	.035	±.002	.621	+ .005 - .010	.110	±.003	.082	±.004	.0430	±.004	.047	+ .010 - .002	.629	±.003	.039	+ .003 - .000	.060	950	2.233	.024	910	29.000	1.408	A0	A01
66	.672	43/64	.035	±.002	.621	+ .005 - .010	.110	±.003	.082	±.004	.0430	±.004	.047	+ .010 - .002	.631	±.003	.039	+ .003 - .000	.060	950	2.233	.024	910	29.000	1.408	A0	A01
68	.688	11/16	.042	±.002	.635	+ .005 - .010	.136	±.004	.084	±.005	.0480	±.005	.052	+ .010 - .002	.646	±.003	.046	+ .003 - .000	.063	1.000	3.451	.025	1.340	28.000	1.760	A0	A01
75	.750	3/4	.042	±.002	.693	+ .005 - .010	.136	±.004	.092	±.005	.0510	±.005	.052	+ .010 - .002	.704	±.003	.046	+ .003 - .000	.069	1.200	3.756	.028	1.340	26.500	2.112	A0	A01
78	.781	25/32	.042	±.002	.722	+ .005 - .010	.136	±.004	.094	±.005	.0520	±.005	.052	+ .010 - .002	.733	±.003	.046	+ .003 - .000	.072	1.300	3.959	.028	1.340	25.500	2.156	A0	A01
81	.812	13/16	.042	±.002	.751	+ .005 - .010	.136	±.004	.096	±.005	.0540	±.005	.052	+ .010 - .002	.762	±.003	.046	+ .003 - .000	.075	1.450	4.060	.028	1.340	24.500	2.354	A0	A01
84	.844	-	.042	±.002	.780	+ .005 - .010	.137	±.004	.100	±.005	.0570	±.005	.052	+ .010 - .002	.791	±.003	.046	+ .003 - .000	.078	1.500	4.200	.028	1.340	24.000	2.596	A0	A01
87	.875	7/8	.042	±.002	.810	+ .005 - .010	.137	±.004	.104	±.005	.0570	±.005	.052	+ .010 - .002	.821	±.003	.046	+ .003 - .000	.081	1.650	4.365	.031	1.340	23.000	2.772	A0	A01
93	.938	15/16	.042	±.002	.867	+ .005 - .010	.166	±.004	.110	±.005	.0630	±.005	.078	+ .015 - .002	.882	±.003	.046	+ .003 - .000	.084	1.850	4.720	.033	1.340	21.500	3.168	A1	A11
98	.984	63/64	.042	±.002	.910	+ .005 - .010	.167	±.004	.114	±.005	.0640	±.005	.078	+ .015 - .002	.926	±.003	.046	+ .003 - .000	.087	2.000	4.923	.034	1.340	20.500	3.388	A1	A11
100	1.000	1	.042	±.002	.925	+ .005 - .010	.167	±.004	.116	±.005	.0650	±.005	.078	+ .015 - .002	.940	±.003	.046	+ .003 - .000	.090	2.100	5.024	.034	1.340	20.000	3.483	A1	A11
102	1.023	-	.042	±.002	.946	+ .005 - .010	.168	±.004	.118	±.005	.0660	±.005	.078	+ .015 - .002	.961	±.003	.046	+ .003 - .000	.093	2.250	5.126	.035	1.340	19.500	3.740	A1	A11

# 2100-5100

# ANELLI ELASTICI PER ALBERI RETAINING RINGS FOR SHAFTS

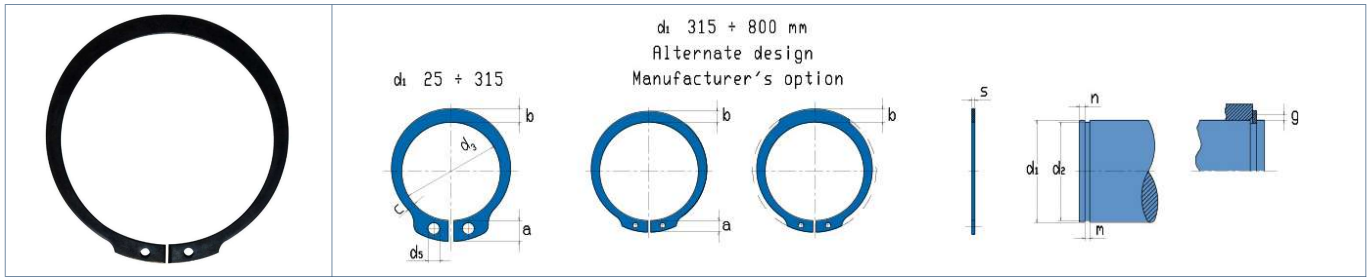


### Dimensions in inch

Ring no.	SIZE		RING DIMENSIONS							GROOVE DIMENSIONS					SUPPLEMENTARY DATA				PLIERS								
	d1	d1 frac.	s	tol	d3	tol	a	tol	b	tol	c	tol	d5	tol	d2	tol	m	tol	n	FN	FR	g	FRg kN	nabl	lbs/1000	straight	bent
106	1.062	1-1/16	.050	±.002	.982	+ .010 - .015	.181	±.004	.122	±.006	.0690	±.006	.078	+ .015 - .002	.998	±.004	.056	+ .004 - .000	.096	2.400	6.293	.036	1.950	19.000	4.884	A1	A11
112	1.125	1-1/8	.050	±.002	1.041	+ .010 - .015	.182	±.004	.128	±.006	.0710	±.006	.078	+ .015 - .002	1.059	±.004	.056	+ .004 - .000	.099	2.600	6.699	.038	1.950	18.800	5.918	A2	A21
118	1.188	1-3/16	.050	±.002	1.098	+ .010 - .015	.182	±.004	.132	±.006	.0720	±.006	.078	+ .015 - .002	1.118	±.004	.056	+ .004 - .000	.105	2.950	7.105	.039	1.950	18.000	6.358	A2	A21
125	1.250	1-1/4	.050	±.002	1.156	+ .010 - .015	.183	±.004	.140	±.006	.0760	±.006	.078	+ .015 - .002	1.176	±.004	.056	+ .004 - .000	.111	3.250	7.460	.041	1.950	17.000	6.952	A2	A21
131	1.312	1-5/16	.050	±.002	1.214	+ .010 - .015	.183	±.004	.146	±.006	.0760	±.006	.078	+ .015 - .002	1.232	±.004	.056	+ .004 - .000	.120	3.700	7.866	.041	1.950	16.500	7.458	A2	A21
137	1.375	1-3/8	.050	±.002	1.272	+ .010 - .015	.184	±.004	.152	±.006	.0820	±.006	.078	+ .015 - .002	1.291	±.004	.056	+ .004 - .000	.126	4.100	8.222	.043	1.950	16.000	8.074	A2	A21
143	1.438	1-7/16	.050	±.002	1.333	+ .010 - .015	.184	±.004	.160	±.006	.0860	±.006	.078	+ .015 - .002	1.350	±.004	.056	+ .004 - .000	.132	4.500	8.628	.045	1.950	15.000	8.558	A2	A21
150	1.500	1-1/2	.050	±.002	1.387	+ .010 - .015	.214	±.004	.168	±.006	.0910	±.006	.120	+ .015 - .002	1.406	±.004	.056	+ .004 - .000	.141	5.000	8.932	.047	1.950	14.800	9.724	A2	A21
156	1.562	1-9/16	.062	±.003	1.446	+ .013 - .020	.235	±.004	.172	±.006	.0930	±.006	.125	+ .015 - .002	1.468	±.005	.068	+ .004 - .000	.141	5.200	11.571	.049	3.000	14.000	13.002	A3	A31
162	1.625	1-5/8	.062	±.003	1.503	+ .013 - .020	.235	±.004	.180	±.006	.0970	±.006	.125	+ .015 - .002	1.529	±.005	.068	+ .004 - .000	.144	5.500	12.028	.052	3.000	13.200	13.970	A3	A31
168	1.688	1-11/16	.062	±.003	1.560	+ .013 - .020	.235	±.004	.184	±.006	.0990	±.006	.125	+ .015 - .002	1.589	±.005	.068	+ .004 - .000	.148	5.850	12.535	.054	3.000	13.000	14.696	A3	A31
175	1.750	1-3/4	.062	±.003	1.618	+ .013 - .020	.237	±.004	.188	±.006	.1010	±.006	.125	+ .015 - .002	1.650	±.005	.068	+ .004 - .000	.150	6.200	12.992	.054	3.000	12.200	15.444	A3	A31
177	1.772	-	.062	±.003	1.637	+ .013 - .020	.237	±.004	.190	±.006	.1020	±.006	.125	+ .015 - .002	1.669	±.005	.068	+ .004 - .000	.154	6.400	13.144	.055	3.000	11.700	15.862	A3	A31
181	1.812	1-13/16	.062	±.003	1.675	+ .013 - .020	.262	±.004	.192	±.006	.1020	±.006	.125	+ .015 - .002	1.708	±.005	.068	+ .004 - .000	.156	6.650	13.449	.055	3.000	11.500	16.588	A3	A31
187	1.875	1-7/8	.062	±.003	1.735	+ .013 - .020	.239	±.004	.196	±.006	.1040	±.006	.125	+ .015 - .002	1.769	±.005	.068	+ .004 - .000	.159	7.000	13.906	.056	3.000	11.000	17.160	A3	A31
196	1.969	1-31/32	.062	±.003	1.819	+ .013 - .020	.262	±.004	.200	±.006	.1060	±.006	.125	+ .015 - .002	1.857	±.005	.068	+ .004 - .000	.168	7.800	14.565	.056	3.000	10.500	18.546	A3	A31
200	2.000	2	.062	±.003	1.850	+ .013 - .020	.262	±.004	.204	±.006	.1080	±.006	.125	+ .015 - .002	1.886	±.005	.068	+ .004 - .000	.171	8.050	14.819	.057	3.000	10.000	19.162	A3	A31
206	2.062	2-1/16	.078	±.003	1.906	+ .015 - .025	.267	±.005	.208	±.007	.1110	±.007	.125	+ .015 - .002	1.946	±.006	.086	+ .005 - .000	.174	8.450	19.234	.059	5.000	9.600	25.300	A3	A31
212	2.125	2-1/8	.078	±.003	1.964	+ .015 - .025	.280	±.005	.212	±.007	.1130	±.007	.125	+ .015 - .002	2.003	±.006	.086	+ .005 - .000	.183	9.150	19.793	.059	5.000	9.500	26.774	A3	A31
215	2.156	2-5/32	.078	±.003	1.993	+ .015 - .025	.280	±.005	.212	±.007	.1130	±.007	.125	+ .015 - .002	2.032	±.006	.086	+ .005 - .000	.186	9.450	20.097	.058	5.000	9.400	27.170	A3	A31
225	2.250	2-1/4	.078	±.003	2.081	+ .015 - .025	.280	±.005	.220	±.007	.1160	±.007	.125	+ .015 - .002	2.120	±.006	.086	+ .005 - .000	.195	10.350	21.011	.060	5.000	9.200	29.106	A3	A31
231	2.312	2-5/16	.078	±.003	2.139	+ .015 - .025	.280	±.005	.222	±.007	.1180	±.007	.125	+ .015 - .002	2.178	±.006	.086	+ .005 - .000	.201	10.950	21.518	.060	5.000	9.000	30.162	A3	A31
237	2.375	2-3/8	.078	±.003	2.197	+ .015 - .025	.292	±.005	.224	±.007	.1190	±.007	.125	+ .015 - .002	2.239	±.006	.086	+ .005 - .000	.204	11.400	22.127	.060	5.000	8.800	31.526	A3	A31
243	2.438	2-7/16	.078	±.003	2.255	+ .015 - .025	.268	±.005	.228	±.007	.1200	±.007	.125	+ .015 - .002	2.299	±.006	.086	+ .005 - .000	.207	11.900	22.736	.061	5.000	8.600	31.922	A3	A31
250	2.500	2-1/2	.078	±.003	2.313	+ .015 - .025	.292	±.005	.232	±.007	.1220	±.007	.125	+ .015 - .002	2.360	±.006	.086	+ .005 - .000	.210	12.350	23.345	.062	5.000	8.400	34.056	A3	A31
255	2.559	-	.078	±.003	2.377	+ .020 - .030	.268	±.005	.238	±.007	.1250	±.007	.125	+ .015 - .002	2.419	±.006	.086	+ .005 - .000	.210	12.650	23.853	.065	5.000	8.200	34.606	A3	A31
262	2.625	2-5/8	.078	±.003	2.428	+ .020 - .030	.292	±.005	.242	±.007	.1270	±.007	.125	+ .015 - .002	2.481	±.006	.086	+ .005 - .000	.216	13.350	24.462	.066	5.000	8.000	37.026	A3	A31
268	2.688	2-11/16	.078	±.003	2.485	+ .020 - .030	.292	±.005	.246	±.007	.1290	±.007	.125	+ .015 - .002	2.541	±.006	.086	+ .005 - .000	.219	13.850	25.071	.067	5.000	7.900	38.500	A3	A31

# 2100-5100

# ANELLI ELASTICI PER ALBERI RETAINING RINGS FOR SHAFTS

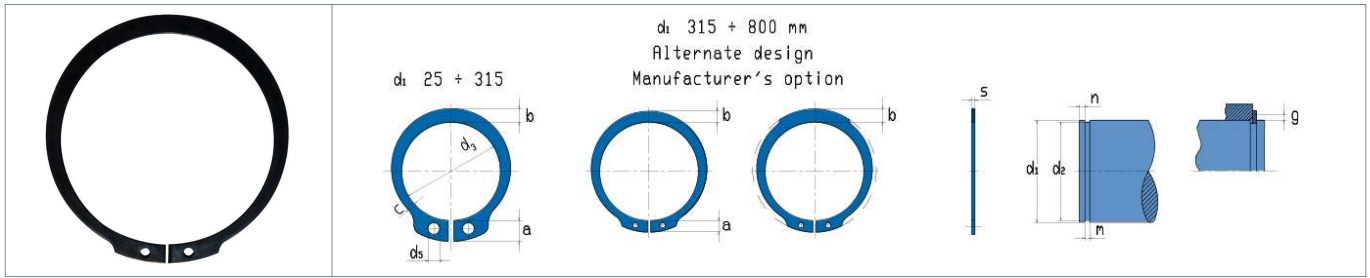


### Dimensions in inch

Ring no.	SIZE		RING DIMENSIONS										GROOVE DIMENSIONS				SUPPLEMENTARY DATA				PLIERS						
	d1	d1 frac.	s	tol	d3	tol	a	tol	b	tol	c	tol	d5	tol	d2	tol	m	tol	n	FN	FR	g	FRg kN	nabl	lbs/1000	straight	bent
275	2.750	2-3/4	.093	±.003	2.543	+ .020 - .030	.324	±.005	.248	±.007	.1310	±.007	.125	+ .015 - .002	2.602	±.006	.103	+ .005 - .000	.222	14.400	30.551	.067	7.350	7.600	48,224	A3	A31
287	2.875	2-7/8	.093	±.003	2.659	+ .020 - .030	.324	±.005	.256	±.007	.1330	±.007	.125	+ .015 - .002	2.721	±.006	.103	+ .005 - .000	.231	15.650	31.973	.069	7.350	7.300	51,150	A3	A31
293	2.938	2-15/16	.093	±.003	2.717	+ .020 - .030	.324	±.005	.260	±.007	.1360	±.007	.125	+ .015 - .002	2.779	±.006	.103	+ .005 - .000	.237	16.400	32.683	.070	7.350	7.200	53,064	A3	A31
300	3.000	3	.093	±.003	2.775	+ .020 - .030	.260	±.005	.260	±.008	.1400	±.012	.128	+ .000 - .010	2.838	±.006	.103	+ .005 - .000	.243	17.200	33.394	.070	7.350	6.700	48,400	A3	A31
306	3.062	3-1/16	.093	±.003	2.832	+ .020 - .030	.298	±.005	.252	±.008	.1310	±.008	.125	+ .015 - .002	2.898	±.006	.103	+ .005 - .000	.246	17.750	34.003	.064	7.350	6.600	52,580	A3	A31
312	3.125	3-1/8	.093	±.003	2.892	+ .020 - .030	.324	±.005	.272	±.008	.1410	±.008	.125	+ .015 - .002	2.957	±.006	.103	+ .005 - .000	.252	18.550	34.815	.072	7.350	6.600	58,366	A3	A31
315	3.156	3-5/32	.093	±.003	2.920	+ .020 - .030	.324	±.005	.274	±.008	.1430	±.008	.125	+ .015 - .002	2.986	±.006	.103	+ .005 - .000	.255	18.950	35.119	.072	7.350	6.500	59,510	A3	A31
325	3.250	3-1/4	.093	±.003	3.006	+ .020 - .030	.260	±.008	.260	±.008	.1440	±.012	.128	+ .000 - .010	3.076	±.006	.103	+ .005 - .000	.261	20.000	36.134	.074	7.350	6.400	53,790	A3	A31
334	3.346	3-11/32	.093	±.003	3.092	+ .020 - .030	.295	±.008	.295	±.008	.1610	±.012	.150	+ .000 - .012	3.166	±.006	.103	+ .005 - .000	.270	21.000	37.251	.076	7.350	6.000	62,502	A4	A41
343	3.438	3-7/16	.093	±.003	3.179	+ .020 - .030	.295	±.008	.295	±.008	.1630	±.012	.150	+ .000 - .012	3.257	±.006	.103	+ .005 - .000	.270	21.900	38.266	.077	7.350	5.900	63,558	A4	A41
350	3.500	3-1/2	.109	±.003	3.237	+ .020 - .030	.315	±.012	.315	±.012	.1650	±.012	.150	+ .000 - .012	3.316	±.006	.120	+ .005 - .000	.276	22.800	45.574	.073	10.500	5.900	89,276	A4	A41
354	3.543	-	.109	±.003	3.277	+ .020 - .030	.315	±.012	.315	±.012	.1650	±.012	.150	+ .000 - .012	3.357	±.006	.120	+ .005 - .000	.279	23.300	46.183	.074	10.500	5.800	74,536	A4	A41
362	3.625	3-5/8	.109	±.003	3.352	+ .020 - .030	.315	±.012	.315	±.012	.1650	±.012	.150	+ .000 - .012	3.435	±.006	.120	+ .005 - .000	.285	24.300	47.299	.076	10.500	5.700	79,838	A4	A41
368	3.688	3-11/16	.109	±.003	3.410	+ .020 - .030	.315	±.012	.315	±.012	.1690	±.012	.150	+ .000 - .012	3.493	±.006	.120	+ .005 - .000	.291	25.300	48.010	.078	10.500	5.600	83,578	A4	A41
375	3.750	3-3/4	.109	±.003	3.468	+ .020 - .030	.315	±.012	.315	±.012	.1710	±.012	.150	+ .000 - .012	3.552	±.006	.120	+ .005 - .000	.297	26.200	48.822	.080	10.500	5.500	95,568	A4	A41
387	3.875	3-7/8	.109	±.003	3.584	+ .020 - .030	.315	±.012	.315	±.012	.1750	±.012	.150	+ .000 - .012	3.673	±.006	.120	+ .005 - .000	.303	27.700	50.446	.082	10.500	5.100	93,610	A4	A41
393	3.938	3-15/16	.109	±.003	3.642	+ .020 - .030	.315	±.012	.315	±.012	.1750	±.012	.150	+ .000 - .012	3.734	±.006	.120	+ .005 - .000	.306	28.400	51.359	.082	10.500	5.200	102,410	A4	A41
400	4.000	4	.109	±.003	3.700	+ .020 - .030	.315	±.012	.315	±.012	.1770	±.012	.150	+ .000 - .012	3.792	±.006	.120	+ .005 - .000	.312	29.400	52.171	.081	10.500	5.000	95,964	A4	A41
412	4.125	4-1/8	.109	±.003	3.800	+ .020 - .030	.331	±.012	.331	±.012	.1830	±.016	.169	+ .000 - .012	3.915	±.006	.120	+ .005 - .000	.315	29.800	53.200	.081	10.500	4.900	102,564	A4	A41
425	4.250	4-1/4	.109	±.003	3.989	+ .020 - .030	.331	±.012	.331	±.012	.1870	±.016	.169	+ .000 - .012	4.065	±.006	.120	+ .005 - .000	.276	27.600	55.419	.088	10.500	4.800	102,564	A4	A41
437	4.375	4-3/8	.109	±.003	4.106	+ .020 - .030	.342	±.008	.342	±.012	.1760	±.016	.125	+ .015 - .002	4.190	±.006	.120	+ .005 - .000	.276	28.400	57.043	.088	10.500	4.700	110,660	A4	A41
450	4.500	4-1/2	.109	±.003	4.223	+ .020 - .030	.331	±.012	.331	±.012	.1910	±.016	.169	+ .015 - .012	4.310	±.006	.120	+ .005 - .000	.285	30.200	58.667	.061	10.500	4.500	110,924	A4	A41
475	4.750	4-3/4	.109	±.003	4.458	+ .020 - .030	.331	±.012	.331	±.012	.1930	±.016	.169	+ .000 - .012	4.550	±.006	.120	+ .005 - .000	.300	33.600	61.915	.069	10.500	4.200	115,412	A4	A41
500	5.000	5	.109	±.003	4.692	+ .020 - .030	.331	±.012	.331	±.012	.1940	±.010	.156	+ .020 - .005	4.790	±.006	.120	+ .005 - .000	.315	37.100	65.163	.099	10.500	4.000	132,462	A4	A41
525	5.250	5-1/4	.125	±.004	4.927	+ .020 - .040	.378	±.012	.378	±.012	.2110	±.010	.169	+ .000 - .008	5.030	±.007	.139	+ .006 - .000	.330	40.800	78.460	.101	13.500	3.900	171,292	A4	A41
550	5.500	5-1/2	.125	±.004	5.162	+ .020 - .040	.378	±.012	.378	±.012	.2090	±.010	.169	+ .000 - .008	5.265	±.007	.139	+ .006 - .000	.351	45.500	82.215	.105	13.500	3.700	180,180	A4	A41
575	5.750	5-3/4	.125	±.004	5.396	+ .020 - .040	.378	±.012	.378	±.012	.2200	±.010	.169	+ .000 - .008	5.505	±.007	.139	+ .006 - .000	.366	49.600	85.971	.110	13.500	3.500	190,806	A4	A41
600	6.000	6	.125	±.004	5.631	+ .020 - .040	.378	±.012	.378	±.012	.2240	±.010	.169	+ .000 - .008	5.745	±.007	.139	+ .006 - .000	.381	53.800	89.625	.086	13.500	3.400	199,650	A4	A41

# 2100-5100

## ANELLI ELASTICI PER ALBERI RETAINING RINGS FOR SHAFTS



### Dimensions in inch

Ring no.	SIZE		RING DIMENSIONS										GROOVE DIMENSIONS				SUPPLEMENTARY DATA				PLIERS						
	d1	d1 frac.	s	tol	d3	tol	a	tol	b	tol	c	tol	d5	tol	d2	tol	m	tol	n	FN	FR	g	FRg kN	nabl	lbs/1000	straight	bent
625	6,250	6-1/4	,156	±.005	5,866	+ -.020 -.050	,425	±.012	,425	±.012	,2320	±.010	,169	+ -.000 -.012	5,985	±.008	,174	+ -.008 -.000	,396	58.300	116.522	,089	21.000	3.100	288,376	A4	A41
650	6,500	6-1/2	,156	±.005	6,100	+ -.020 -.050	,531	±.012	,488	±.016	,2910	±.016	,169	+ -.000 -.012	6,225	±.008	,174	+ -.008 -.000	,411	62.900	121.191	,114	21.000	3.000	349,624	A5	A51
675	6,750	6-3/4	,156	±.005	6,335	+ -.020 -.050	,531	±.012	,531	±.012	,2910	±.016	,169	+ -.000 -.012	6,465	±.008	,174	+ -.008 -.000	,426	67.700	125.860	,120	21.000	3.000	384,604	A5	A51
700	7,000	7	,156	±.005	6,570	+ -.050 -.130	,531	±.012	,531	±.012	,2910	±.016	,169	+ -.000 -.012	6,705	±.008	,174	+ -.008 -.000	,441	72.700	130.529	,125	21.000	2.900	392,040	A5	A51
725	7,250	7-1/4	,187	±.005	6,775	+ -.050 -.130	,551	±.012	,551	±.012	,2910	±.016	,169	+ -.000 -.012	6,942	±.008	,209	+ -.008 -.000	,460	78.900	162.096	,128	30.000	2.800	517,000	A5	A51
750	7,500	22	,187	±.005	7,009	+ -.050 -.130	,551	±.012	,551	±.012	,2910	±.016	,169	+ -.000 -.012	7,180	±.008	,209	+ -.008 -.000	,480	84.800	167.678	,132	30.000	2.700	550,000	A5	A51
775	7,750	7-3/4	,187	±.005	7,243	+ -.050 -.130	,551	±.012	,551	±.012	,2950	±.016	,169	+ -.000 -.012	7,420	±.008	,209	+ -.008 -.000	,495	90.450	173.261	,136	30.000	2.600	571,450	A5	A51
800	8,000	8	,187	±.005	7,478	+ -.050 -.130	,551	±.012	,551	±.012	,2950	±.016	,169	+ -.000 -.012	7,660	±.008	,209	+ -.008 -.000	,510	96.100	178.843	,141	30.000	2.500	594,000	A5	A51

### SYMBOLS

<b>FN</b>	load bearing capacity of the groove
<b>FR</b>	load bearing capacity of the mounted ring with sharp-cornered abutment
<b>FRg</b>	load bearing capacity of the mounted ring with chamfered abutment or corner radius of "g" mm
<b>g</b>	chamfering or rounding of the element opposite the ring
<b>nabl</b>	maximum acceptable speed rotation of the shaft (external rings)



Gli anelli in pollici 2100-5100 sono elementi di sicurezza per alberi a montaggio assiale, di impiego universale; sono in grado di trasmettere elevati carichi assiali tra l'elemento di macchina che esercita lo sforzo e la cava nella quale è montato l'anello.

<b>MATERIALI</b>
<b>DUREZZA</b>
<b>FINITURE STANDARD</b>
<b>PACKAGING</b>
<b>INFORMAZIONI AGGIUNTIVE</b>

Acciaio per molle SAE 1060 / EN 10132 - 1/4 (DIN 17222)  
Da n. 25 a n. 106: nastro C60S (C60)

Acciaio per molle SAE 1074 / EN 10132 - 1/4 (DIN 17222)  
Da n. 112 a n. 800: filo C75S (C75)

Da n. 25 a n. 46: scala 30N 69.5 ÷ 73 (HRC 51 ÷ 55)  
Da n. 50 a n. 81: scala 30N 66 ÷ 71 (HRC 47 ÷ 53)  
Da n. 84 a n. 102: scala C 47 ÷ 53  
Da n. 106 a n. 343: scala C 47 ÷ 52  
Da n. 350 a n. 700: scala C 44 ÷ 51  
Da n. 725 a n. 800: scala C 40 ÷ 47

fosfatati e oliati

Da n. 25 a n. 137: sciolti in scatola  
Da n. 143 a n. 243: rollpack impilati - non allineati  
Da n. 250 a n. 575: impilati in carta  
Da n. 600 a n. 800: rollpack impilati - allineati

**Richieste speciali**

Per materiali o finiture superficiali differenti invia la tua richiesta di offerta. Prezzi e quantitativi minimi da concordare.



The axially assembled 2100-5100 are retaining rings for shafts in inch dimensions, widely used; they can transmit high axial load between the element of the machine that exerts the force and the groove in which the ring is assembled.

<b>MATERIALI</b>
<b>DUREZZA</b>
<b>FINITURE STANDARD</b>
<b>PACKAGING</b>
<b>INFORMAZIONI AGGIUNTIVE</b>

Spring steel SAE 1060 / EN 10132 - 1/4 (DIN 17222)  
From n. 25 to n. 106: strip C60S (C60)

Spring steel SAE 1074 / EN 10132 - 1/4 (DIN 17222)  
From n. 112 to n. 800: wire C75S (C75)

From n. 25 to n. 46: scale 30N 69.5 ÷ 73 (HRC 51 ÷ 55)  
From n. 50 to n. 81: scale 30N 66 ÷ 71 (HRC 47 ÷ 53)  
From n. 84 to n. 102: scale C 47 ÷ 53  
From n. 106 to n. 343: scale C 47 ÷ 52  
From n. 350 to n. 700: scale C 44 ÷ 51  
From n. 725 to n. 800: scale C 40 ÷ 47

phosphated and oiled

From n. 25 to n. 137: loose in boxes  
From n. 143 to n. 243: thermoplastic wrapped – non oriented  
From n. 250 to n. 575: rolled in paper wrappers  
From n. 600 to n. 800: thermoplastic wrapped – oriented

**Special requests**

For different materials or surface finishes, please send your request. Price and minimum quantity to be established.