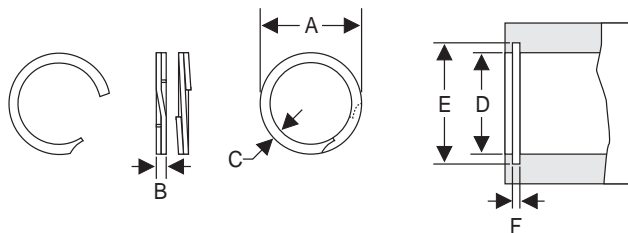


# SPIRAL INTERNAL RETAINER RINGS

## SPIRAL RETAINER CROSS REFERENCE

PREFIX	RAMSEY SPIROLOX PREFIX
VH- .....	.UR-
WH- .....	.RR-
WHM- .....	.RRN-
WHT- .....	.RRT-



Part Number	Free O.D. A	Thickness B	Radial Wall C	Housing Diam. D	Groove Diam. E	Groove Width F	List Price
WHM-50	.538	.035	.045	.500	.530	.039	\$ .56
WH-62	.658	.025	.045	.625	.651	.030	.53
WHM-62	.675	.035	.055	.625	.665	.039	.60
WHM-68	.743	.035	.065	.688	.732	.039	.72
WHT-68	.730	.035	.055	.688	.724	.039	.50
WHM-75	.807	.035	.065	.750	.796	.039	.80
WH-78	.821	.031	.065	.781	.812	.036	.56
WH-87	.922	.031	.065	.875	.912	.036	.57
WHM-87	.943	.042	.085	.875	.931	.046	.80
WH-100	1.054	.037	.075	1.000	1.043	.042	.59
WHM-100	1.080	.042	.085	1.000	1.066	.046	1.42
WH-112	1.180	.037	.075	1.125	1.167	.042	.59
WHM-112	1.205	.050	.103	1.125	1.197	.056	1.50
WH-125	1.312	.043	.085	1.250	1.298	.048	.62
WHM-125	1.339	.050	.103	1.250	1.330	.056	1.62
WH-128	1.342	.043	.085	1.281	1.329	.048	.64
WHT-131	1.395	.050	.093	1.312	1.385	.056	.83
VH-137	1.433	.025	.088	1.375	1.419	.031	.62
WH-137	1.442	.043	.095	1.375	1.427	.048	.93
WHM-137	1.475	.050	.118	1.375	1.461	.056	1.62
VH-150	1.559	.025	.088	1.500	1.544	.031	.77
WH-150	1.567	.043	.095	1.500	1.552	.048	1.10
WHM-150	1.605	.050	.118	1.500	1.594	.056	1.70
WHT-150	1.591	.050	.108	1.500	1.580	.056	1.08
WHT-150SS	1.591	.050	.108	1.500	1.580	.056	7.83
WH-156	1.634	.049	.108	1.562	1.617	.056	1.25
VH-162	1.701	.031	.118	1.625	1.682	.039	.77
WH-162	1.701	.049	.108	1.625	1.684	.056	2.78
WH-175	1.834	.049	.118	1.750	1.813	.056	1.25
WHM-175	1.876	.062	.128	1.750	1.858	.068	3.59
WHT-175	1.858	.062	.118	1.750	1.845	.068	1.60
VH-187	1.953	.031	.118	1.875	1.932	.039	.97
WH-187	1.960	.049	.118	1.875	1.942	.056	1.60
WHT-187	1.989	.062	.128	1.875	1.975	.068	1.90
VH-200	2.079	.031	.118	2.000	2.057	.039	1.03
WH-200	2.091	.049	.128	2.000	2.071	.056	1.84
WHT-200	2.125	.062	.138	2.000	2.110	.068	1.90
WH-204	2.138	.049	.128	2.047	2.118	.056	1.97
VH-206	2.162	.031	.158	2.062	2.18	.039	1.51
WHM-206	2.201	.078	.168	2.062	2.186	.086	5.11
WHM-218	2.334	.078	.168	2.188	2.318	.086	5.11
VH-225	2.352	.031	.158	2.250	2.326	.039	1.97
WHM-225	2.399	.078	.168	2.250	2.382	.086	5.13
WHT-225	2.386	.078	.141	2.250	2.370	.086	2.47
VH-231	2.415	.031	.158	2.312	2.388	.039	7.02
WH-237	2.476	.049	.138	2.375	2.453	.056	1.97
VH-243	2.541	.031	.158	2.437	2.513	.039	2.39

# SPIRAL INTERNAL RETAINER RINGS

RETAINER RINGS

Part Number	Free O.D.	Thickness	Radial Wall	Housing Diam.	Groove Diam.	Groove Width	List Price
	A	B	C	D	E	F	
VH-250	2.605	.031	.158	2.5	2.576	.039	\$ 1.46
WH-250	2.606	.049	.148	2.500	2.582	.056	2.61
WHT-250	2.653	.078	.188	2.500	2.635	.086	3.30
WHT-253	2.687	.078	.188	2.530	2.668	.086	3.30
WHT-256	2.720	.093	.188	2.562	2.834	.103	3.30
WHM-256	2.733	.093	.225	2.562	2.714	.103	5.26
VH-281	2.920	.031	.158	2.812	2.888	.039	3.81
VH-281SS	2.920	.031	.158	2.812	2.888	.039	4.27
WHT-275	2.921	.093	.188	2.750	2.900	.103	3.80
WH-283	2.954	.049	.168	2.834	2.928	.056	2.79
WH-287	2.995	.049	.168	2.875	2.969	.056	3.80
WHT-283	3.009	.093	.188	2.834	2.987	.103	3.90
WHM-283	3.027	.093	.225	2.834	3.006	.103	7.04
VH-300	3.110	.031	.158	3.000	3.076	.039	1.54
WH-300	3.122	.061	.168	3.000	3.096	.068	2.70
WHT-300	3.188	.093	.188	3.000	3.165	.103	3.90
WHT-312	3.318	.111	.250	3.125	3.295	.120	5.75
WH-350	3.636	.061	.188	3.500	3.606	.068	2.85
WHLA-368	3.684	.060	.168	3.500	3.665	.068	11.30
WH-356	3.703	.061	.198	3.562	3.672	.068	3.60
WHT-350	3.716	.111	.250	3.500	3.690	.120	7.42
WHL-371	3.725	.086	.187	3.500	3.705	.091	6.09
WHM-350	3.736	.111	.281	3.500	3.710	.120	7.46
WHL-378-HDC	3.780	.077	.132	3.625	3.755	.086	28.44
WHL-392	3.929	.093	.187	3.750	3.909	.103	15.59
WH-400	4.157	.061	.218	4.000	4.124	.068	3.97
WH-406	4.222	.061	.218	4.063	4.187	.068	5.07
WHT-400	4.248	.111	.250	4.000	4.220	.120	7.01
WHL-424	4.249	.090	.187	4.125	4.220	.098	12.05
WHM-400	4.270	.111	.312	4.000	4.240	.120	8.50
VH-412	4.279	.046	.225	4.125	4.235	.052	5.57
WHM-425	4.520	.111	.312	4.250	4.490	.120	12.34
WHM-433	4.600	.111	.312	4.330	4.570	.120	7.39
WH-450	4.674	.061	.238	4.500	4.636	.068	4.10
WHL-472	4.721	.093	.187	4.500	4.700	.098	6.78
WHL-473	4.732	.111	.250	4.500	4.712	.120	6.78
WHT-450	4.768	.111	.312	4.500	4.735	.120	9.73
WHM-450	4.770	.111	.312	4.500	4.740	.120	13.50
VH-462	4.784	.046	.225	4.625	4.735	.052	5.90
WHL-495	4.958	.093	.187	4.750	4.938	.103	18.26
WHT-475	5.028	.111	.312	4.750	4.995	.120	10.97
WH-500	5.185	.072	.250	5.000	5.144	.079	4.84
WHL-525	5.252	.090	.187	5.125	5.223	.098	34.06
WHT-500	5.295	.111	.312	5.000	5.260	.120	11.40
WH-525	5.436	.072	.250	5.250	5.393	.079	5.16
WH-550	5.693	.072	.250	5.550	5.647	.079	4.41
VH-550	5.694	.061	.225	5.500	5.638	.067	6.10
WH-551	5.703	.072	.250	5.511	5.658	.079	7.23
WHL-573	5.739	.111	.250	5.500	5.720	.120	6.94
WHL-574	5.740	.093	.187	5.500	5.720	.098	6.17
WHT-550	5.810	.127	.375	5.500	5.770	.139	12.30
WH-570	5.909	.072	.250	5.708	5.861	.079	10.26
WHL-595	5.956	.122	.187	5.750	5.936	.131	33.11
WH-600	6.202	.072	.250	6.000	6.153	.079	6.10
WHM-600	6.314	.127	.350	6.000	6.270	.139	14.81



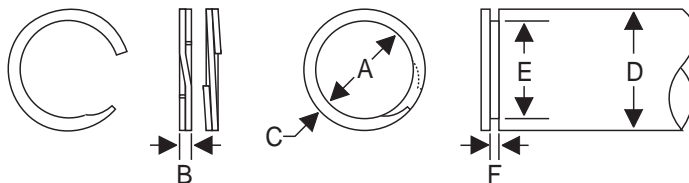
## SPIRAL INTERNAL RETAINER RINGS

Part Number	Free O.D. A	Thickness B	Radial Wall C	Housing Diam. D	Groove Diam. E	Groove Width F	List Price
WHT-600	6.314	.127	.375	6.000	6.270	.139	\$ 12.39
WH-612	6.349	.086	.312	6.125	6.297	.094	6.25
WHL-672	6.726	.111	.250	6.500	6.706	.120	5.38
WHL-683	6.830	.105	.204	6.500	6.800	.115	16.43
WHT-650	6.837	.165	.312	6.500	6.790	.174	39.03
WHT-662	6.973	.165	.312	6.625	6.925	.174	49.83
WH-700	7.239	.086	.312	7.000	7.182	.094	11.69
WHL-724	7.249	.122	.245	6.875	7.229	.131	46.10
WHT-700	7.366	.165	.312	7.000	7.315	.174	28.14
WH-712	7.376	.086	.312	7.125	7.317	.094	11.64
WHL-770	7.700	.111	.250	7.500	7.680	.120	7.11
WH-750	7.754	.086	.312	7.500	7.692	.094	12.27
WHL-849	8.493	.122	.245	8.125	8.473	.131	61.49
WHL-871	8.710	.111	.250	8.500	8.690	.120	8.83
WHL-876	8.760	.111	.250	8.520	8.740	.120	14.78
WH-850	8.780	.086	.375	8.500	8.712	.094	18.90
WHL-992	9.927	.108	.250	9.625	9.907	.115	25.89
WHL-1013	10.120	.108	.250	10.00	10.100	.115	36.62
WHT-975	10.260	.189	.375	9.750	10.189	.209	42.59
WHT-1050	11.072	.189	.375	10.500	10.970	.209	74.22

## SPIRAL EXTERNAL RETAINER RINGS

### SPIRAL RETAINER CROSS REFERENCE

PREFIX	RAMSEY SPIROLOX PREFIX
VS-	US-
WS-	RS-
WST-	RST-
WSM-	RSN-



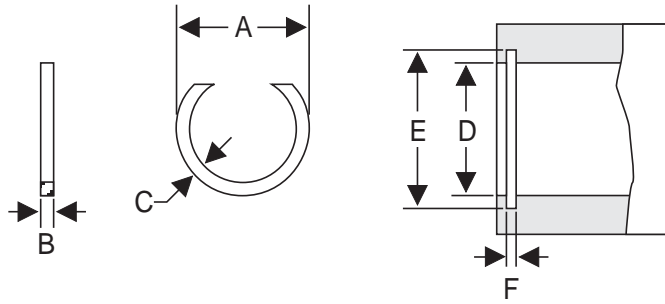
Part Number	Free I.D. A	Thickness B	Radial Wall C	Shaft Diam. D	Groove Diam. E	Groove Width F	List Price
WSM-50	.464	.035	.050	.500	.468	.039	\$ .63
WSM-62	.583	.035	.055	.625	.588	.039	.71
WSM-75	.698	.042	.065	.750	.704	.046	1.37
WSM-87	.814	.042	.075	.875	.821	.046	1.51
WST-93	.886	.042	.075	.938	.894	.046	1.17
WSM-100	.932	.042	.085	1.000	.940	.046	1.55
WST-106	1.005	.050	.088	1.062	1.015	.056	1.22
WSM-112	1.047	.050	.103	1.125	1.059	.056	1.55
WSM-125	1.163	.050	.103	1.250	1.176	.056	1.70
WS-131	1.251	.043	.095	1.312	1.264	.048	.81
WS-137	1.308	.043	.095	1.375	1.323	.048	.81
WSM-137	1.277	.050	.118	1.375	1.291	.056	1.70
WS-143	1.370	.043	.095	1.437	1.385	.048	1.00
WSM-150	1.390	.050	.118	1.500	1.406	.056	1.79
WST-162	1.537	.062	.118	1.625	1.550	.068	1.71
VS-162	1.550	.031	.118	1.625	1.568	.039	.45
WST-168	1.598	.062	.118	1.687	1.610	.068	2.96
WSM-175	1.633	.062	.128	1.750	1.650	.068	1.80

# SPIRAL EXTERNAL RETAINER RINGS

RETAINER RINGS

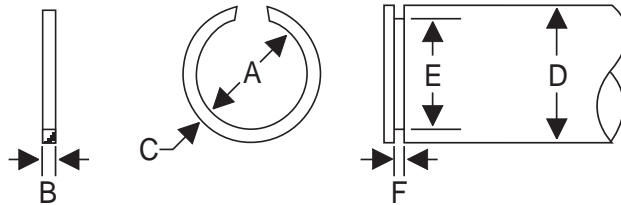
<u>Part Number</u>	<u>Free I.D. A</u>	<u>Thickness B</u>	<u>Radial Wall C</u>	<u>Shaft Diam. D</u>	<u>Groove Diam. E</u>	<u>Groove Width F</u>	<u>List Price</u>
WST-175	1.657	.062	.118	1.750	1.670	.068	\$ 2.76
WS-175	1.673	.049	.118	1.750	1.691	.056	1.49
VS-187	1.798	.031	.118	1.875	1.818	.039	.56
WST-187	1.774	.062	.123	1.875	1.790	.068	2.80
WS-196	1.882	.049	.128	1.969	1.871	.056	1.60
WS-225	2.153	.049	.138	2.250	2.176	.056	2.05
WS-231	2.211	.049	.138	2.312	2.340	.056	3.86
WS-236	2.261	.049	.138	2.362	2.284	.056	4.50
WS-250	2.394	.049	.148	2.500	2.418	.056	3.10
WST-250	2.366	.078	.188	2.500	2.385	.086	5.14
WST-262	2.485	.078	.188	2.625	2.505	.086	5.45
WS-268	2.572	.049	.158	2.688	2.5796	.056	3.32
WST-275	2.604	.093	.188	2.750	2.625	.103	5.12
WS-275	2.635	.049	.158	2.750	2.660	.056	3.32
WS-293	2.817	.049	.168	2.937	2.843	.056	4.34
WST-300	2.838	.093	.188	3.000	2.860	.103	5.19
WS-312	3.000	.061	.178	3.125	3.027	.068	4.37
WSM-325	3.054	.093	.225	3.250	3.076	.103	5.85
WS-325	3.121	.061	.178	3.250	3.150	.068	5.28
WS-334	3.210	.061	.188	3.343	3.239	.068	6.10
WST-343	3.254	.093	.188	3.437	3.280	.103	6.07
WST-350	3.315	.111	.250	3.500	3.340	.120	7.21
WS-362	3.483	.198	.061	3.625	3.515	.068	2.89
WST-375	3.550	.111	.250	3.750	3.577	.120	7.96
VS-400	3.867	.039	.188	4.000	3.908	.044	1.63
WST-400	3.787	.111	.250	4.000	3.756	.120	13.00
VS-412	3.973	.046	.225	4.125	4.015	.052	1.63
WST-450	4.280	.111	.250	4.500	4.310	.120	13.06
WS-450	4.326	.061	.238	4.500	4.364	.068	6.23
WST-500	4.755	.111	.250	5.000	4.790	.120	6.97
VS-525	5.067	.061	.225	5.250	5.119	.067	9.02
WS-525	5.064	.072	.250	5.25	5.107	.079	9.78
WS-537	5.187	.072	.250	5.375	5.228	.079	10.78
WS-550	5.308	.072	.250	5.500	5.353	.079	11.21
VS-625	6.033	.061	.265	6.250	6.094	.067	6.80

# EATON NAN SERIES INTERNAL RETAINER RINGS



Part Number	Free O.D. A	Thickness B	Radial Wall C	Housing Diam. D	Groove Diam. E	Groove Width F	List Price
NAN-50	.530	.035	.040	.500	.524	.039	\$1.44
NAN-62	.670	.035	.048	.625	.657	.039	1.68
NAN-75	.799	.035	.048	.750	.786	.039	2.00
NAN-87	.934	.042	.062	.875	.919	.046	2.20
NAN-100	1.070	.042	.078	1.000	1.052	.046	2.32
NAN-112	1.202	.050	.093	1.125	1.181	.056	2.40
NAN-125	1.337	.050	.109	1.250	1.314	.056	2.56
NAN-137	1.472	.050	.109	1.375	1.447	.056	2.64
NAN-150	1.607	.050	.125	1.500	1.576	.056	2.70
NAN-156	1.668	.062	.125	1.562	1.642	.068	2.94

# EATON XAN SERIES EXTERNAL RETAINER RINGS



Part Number	Free I.D. A	Thickness B	Radial Wall C	Shaft Diam. D	Groove Diam. E	Groove Width F	List Price
XAN-50	.464	.035	.048	.500	.474	.039	\$ 1.44
XAN-62	.586	.035	.062	.625	.597	.039	1.68
XAN-75	.703	.042	.062	.750	.716	.046	2.00
XAN-87	.820	.042	.078	.875	.835	.046	2.20
XAN-100	.941	.042	.093	1.000	.956	.046	2.32
XAN-112	1.060	.050	.093	1.125	1.075	.056	2.40
XAN-125	1.179	.050	.093	1.250	1.194	.056	2.56
XAN-137	1.291	.050	.109	1.375	1.390	.056	2.64
XAN-150	1.408	.050	.109	1.500	1.430	.056	2.70

# INTERNAL RETAINER RINGS (TRU-ARC TYPE)

RETAINER RINGS



Part Number	Housing Diam.	Ring O.D.	Ring Thickness	List Price	Part Number	Housing Diam.	Ring O.D.	Ring Thickness	List Price
300-050	.500	.548	.035	\$.44	300-275	2.750	2.970	.093	\$3.01
300-062	.625	.694	.035	.44	300-287	2.875	3.191	.093	9.39
300-075	.750	.831	.035	.46	300-300	3.000	3.325	.093	3.70
300-087	.875	.986	.042	.46	300-306	3.062	3.418	.109	4.46
300-100	1.000	1.111	.042	.46	300-312	3.125	3.488	.109	5.60
300-102	1.023	1.136	.042	.46	300-315	3.149	3.523	.109	5.60
300-112	1.125	1.249	.050	.48	300-325	3.250	3.623	.109	5.85
300-118	1.187	1.300	.050	.74	300-350	3.500	3.890	.109	5.85
300-125	1.250	1.388	.050	.55	300-354	3.543	3.936	.109	6.01
300-137	1.375	1.526	.050	.61	300-362	3.625	4.015	.109	6.63
300-143	1.438	1.596	.050	.66	300-375	3.750	4.140	.109	6.75
300-150	1.500	1.660	.050	.66	300-387	3.875	4.291	.109	14.79
300-156	1.562	1.734	.062	1.01	300-393	3.938	4.358	.109	7.12
300-162	1.625	1.804	.062	1.01	300-400	4.000	4.424	.109	7.12
300-165	1.755	1.835	.062	.71	300-412	4.125	4.558	.109	8.55
300-168	1.688	1.874	.062	1.90	300-433	4.331	4.756	.109	8.55
300-175	1.750	1.942	.062	1.16	300-450	4.500	4.924	.109	8.55
300-187	1.989	2.072	.062	1.20	300-462	4.625	5.076	.109	9.82
300-193	2.056	2.141	.062	.89	300-475	4.750	5.204	.109	10.67
300-200	2.000	2.210	.062	1.23	300-500	5.000	5.485	.109	10.92
300-206	2.062	2.280	.078	2.02	300-525	5.250	5.770	.125	11.05
300-212	2.125	2.350	.078	2.16	300-537	5.375	5.910	.125	22.40
300-225	2.250	2.490	.078	2.16	300-550	5.500	6.066	.125	12.81
300-237	2.375	2.596	.078	2.16	300-600	6.000	6.620	.125	19.64
300-244	2.440	2.702	.078	2.24	300-625	6.250	6.895	.156	31.79
300-250	2.500	2.775	.078	2.40	300-650	6.500	7.170	.156	32.77
300-256	2.562	2.844	.093	2.77					

## EXTERNAL RETAINER RINGS (TRU-ARC TYPE)



Part Number	Shaft Diam.	Ring I.D.	Ring Thickness	List Price	Part Number	Shaft Diam.	Ring I.D.	Ring Thickness	List Price
310-050	.500	.461	.035	\$.44	310-200	2.000	1.850	.062	\$1.82
310-062	.625	.579	.035	.44	310-212	2.125	1.964	.078	2.11
310-068	.688	.635	.042	.44	310-225	2.250	2.081	.078	2.11
310-075	.750	.693	.042	.44	310-250	2.500	2.313	.078	3.98
310-081	.812	.751	.042	.46	310-262	2.625	2.428	.078	4.00
310-087	.875	.810	.042	.46	310-275	2.750	2.543	.093	4.05
310-093	.938	.867	.042	.46	310-287	2.875	2.659	.093	4.28
310-100	1.000	.925	.042	.48	310-300	3.000	2.775	.093	4.08
310-112	1.125	1.041	.050	.66	310-350	3.500	3.237	.109	7.56
310-118	1.188	1.098	.050	.66	310-400	4.000	3.700	.109	14.72
310-125	1.250	1.156	.050	.57	310-425	4.250	3.989	.109	12.96
310-137	1.375	1.268	.050	.64	310-437	4.375	4.106	.109	16.56
310-150	1.500	1.387	.050	.70	310-450	4.500	4.223	.109	16.56
310-162	1.625	1.503	.062	.94	310-500	5.000	4.692	.109	14.91
310-175	1.750	1.618	.062	1.18	310-575	5.750	5.396	.125	42.45
310-175HD	1.750	1.608	.109	3.49					

## RETAINER RING ASSORTMENT KITS

Each kit has an assortment of retainer rings (Tru-arc, Eaton, or spiral wound style) packed in a reusable plastic box. All rings are made in the USA from carbon spring steel.

Each kit contains:

- 18 sizes - 9 internal, 9 external
- 216 rings per box
- 12 rings per size



**TRU ARC  
RETAINER RINGS**

300-310 Kit ..... \$88.00



**SPIRAL WOUND  
RETAINER RINGS**

SRR Kit ..... \$160.00



**EATON  
RETAINER RINGS**

ERR Kit ..... \$200.00

# RETAINER RING KITS

## ROTOR PACK KIT

Part Number: RPK 4 Kit  
 List Price: \$170.00

Packaged in four plastic cases with a handy carrying case, our rotor pack kit contains approximately 50 each of 20 common internal/external retaining ring sizes. The internal rings fit housings or bores from 3/8" internal diameter to 1-1/8". External rings accommodate shaft sizes from 1/4" internal diameter to 1-1/8". Two retainer ring installation pliers are also included.



## INTERNAL RETAINER RINGS

Part Number: 300 Kit  
 List Price: \$144.42

PART NUMBER	BORE SIZE	QTY.	PART NUMBER	BORE SIZE	QTY.
300-075	0.750	10	300-200	2.000	10
300-087	0.875	10	300-225	2.250	5
300-100	1.000	10	300-250	2.500	5
300-112	1.125	10	300-275	2.750	5
300-125	1.250	10	300-300	3.000	5
300-137	1.375	10	300-350	3.500	5
300-150	1.500	10	300-400	4.000	5
300-162	1.625	10	300-450	4.500	2
300-175	1.750	10	300-500	5.000	2

These assortments contain the most popular size retainer rings, boxed in a handy storage and display case, which will supply your shop, service truck or parts counter with the sizes you need!

## EXTERNAL RETAINER RINGS

Part Number: 310 Kit  
 List Price: \$55.53

PART NUMBER	SHAFT SIZE	QTY.	PART NUMBER	SHAFT SIZE	QTY.
310-100	1.000	5	310-200	2.000	5
310-125	1.250	5	310-225	2.250	5
310-137	1.375	5	310-250	2.500	5
310-150	1.500	5	310-275	2.750	3
310-175	1.750	5	310-300	3.000	3

