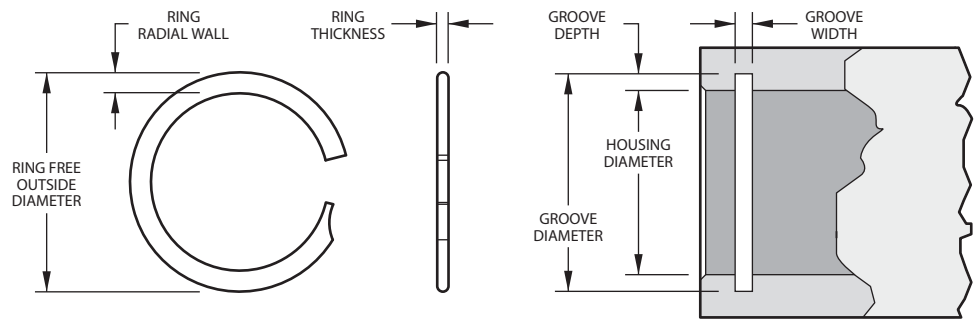




### Product Dimensions

All dimensions are in inches unless otherwise specified.



Stock Items available in carbon and stainless steel.

Smalley Part Number <sup>1, 4</sup>	Housing Diameter	RING			GROOVE		THRUST CAPACITY	
		Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) <sup>2</sup>	Ring Shear (lb) <sup>3</sup>
VH-25	.250	.264	.020	.012	.262	.015	106	481
VH-31	.312	.329	.025	.015	.326	.018	154	750
VH-37	.375	.398	.030	.015	.395	.018	265	901
VH-43	.437	.466	.030	.015	.463	.018	402	1,050
VH-50	.500	.531	.045	.018	.528	.022	500	1,300
VH-56	.562	.593	.045	.018	.590	.022	560	1,460
VH-62	.625	.656	.045	.018	.653	.022	620	1,630
VH-68	.687	.719	.045	.018	.715	.022	680	1,790
VH-75	.750	.783	.045	.018	.779	.022	800	1,950
VH-81	.812	.862	.065	.021	.854	.026	1,210	2,460
VH-87	.875	.926	.065	.021	.917	.026	1,300	2,660
VH-93	.937	.989	.065	.021	.979	.026	1,390	2,840
VH-100	1.000	1.052	.065	.021	1.042	.026	1,480	3,040
VH-106	1.062	1.117	.088	.025	1.106	.031	1,650	3,500
VH-112	1.125	1.180	.088	.025	1.169	.031	1,750	3,710
VH-118	1.187	1.242	.088	.025	1.231	.031	1,850	3,920
VH-125	1.250	1.307	.088	.025	1.294	.031	1,940	4,120
VH-131	1.312	1.369	.088	.025	1.356	.031	2,040	4,330
VH-137	1.375	1.433	.088	.025	1.419	.031	2,140	4,540
VH-143	1.437	1.496	.088	.025	1.481	.031	2,240	4,740
VH-150	1.500	1.559	.088	.025	1.544	.031	2,330	4,950
VH-156	1.562	1.637	.118	.031	1.619	.039	3,200	6,390
VH-162	1.625	1.701	.118	.031	1.682	.039	3,330	6,650
VH-168	1.687	1.763	.118	.031	1.744	.039	3,460	6,900
VH-175	1.750	1.827	.118	.031	1.807	.039	3,590	7,160
VH-181	1.812	1.890	.118	.031	1.869	.039	3,710	7,410
VH-187	1.875	1.953	.118	.031	1.932	.039	3,840	7,670
VH-193	1.937	2.016	.118	.031	1.994	.039	3,970	7,920
VH-200	2.000	2.079	.118	.031	2.057	.039	4,100	8,180
VH-206	2.062	2.162	.158	.031	2.138	.039	5,540	8,430
VH-212	2.125	2.226	.158	.031	2.201	.039	5,710	8,690
VH-218	2.187	2.289	.158	.031	2.263	.039	5,870	8,950
VH-225	2.250	2.352	.158	.031	2.326	.039	6,040	9,200
VH-231	2.312	2.415	.158	.031	2.388	.039	6,210	9,460
VH-237	2.375	2.478	.158	.031	2.451	.039	6,380	9,720
VH-243	2.437	2.541	.158	.031	2.513	.039	6,550	9,970
VH-250	2.500	2.605	.158	.031	2.576	.039	6,720	10,230
VH-256	2.562	2.667	.158	.031	2.638	.039	6,880	10,480
VH-262	2.625	2.731	.158	.031	2.701	.039	7,050	10,740
VH-268	2.687	2.794	.158	.031	2.763	.039	7,220	10,990
VH-275	2.750	2.857	.158	.031	2.826	.039	7,390	11,250
VH-281	2.812	2.920	.158	.031	2.888	.039	7,550	11,500
VH-287	2.875	2.983	.158	.031	2.951	.039	7,720	11,760
VH-293	2.937	3.046	.158	.031	3.013	.039	7,890	12,010
VH-300	3.000	3.110	.158	.031	3.076	.039	8,060	12,270
VH-306	3.062	3.188	.188	.039	3.154	.044	9,960	15,760
VH-312	3.125	3.251	.188	.039	3.217	.044	10,160	16,080

<sup>1</sup> Add suffix "-S02" for 302 stainless steel, "-S16" for 316 stainless steel.

<sup>2</sup> Based on a groove material yield strength of 45,000 psi and a safety factor of 2.

<sup>3</sup> Based on a safety factor of 3.

<sup>4</sup> See pages 102-103 for How to Order.

Manufactured in USA

Smalley Part Number <sup>1, 4</sup>	Housing Diameter	RING			GROOVE		THRUST CAPACITY	
		Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) <sup>2</sup>	Ring Shear (lb) <sup>3</sup>
VH-318	3.187	3.314	.188	.039	3.279	.044	10,360	16,400
VH-325	3.250	3.377	.188	.039	3.342	.044	10,570	16,720
VH-331	3.312	3.440	.188	.039	3.404	.044	10,770	17,040
VH-337	3.375	3.504	.188	.039	3.467	.044	10,970	17,370
VH-343	3.437	3.566	.188	.039	3.529	.044	11,180	17,690
VH-350	3.500	3.630	.188	.039	3.592	.044	11,380	18,010
VH-356	3.562	3.692	.188	.039	3.654	.044	11,580	18,330
VH-362	3.625	3.756	.188	.039	3.717	.044	11,790	18,650
VH-368	3.687	3.819	.188	.039	3.779	.044	11,990	18,970
VH-375	3.750	3.882	.188	.039	3.842	.044	12,190	19,300
VH-381	3.812	3.945	.188	.039	3.904	.044	12,400	19,620
VH-387	3.875	4.009	.188	.039	3.967	.044	12,600	19,940
VH-393	3.937	4.071	.188	.039	4.029	.044	12,800	20,260
VH-400	4.000	4.135	.188	.039	4.092	.044	13,010	20,580
VH-412	4.125	4.279	.225	.046	4.235	.052	16,040	23,850
VH-425	4.250	4.405	.225	.046	4.360	.052	16,520	24,570
VH-437	4.375	4.531	.225	.046	4.485	.052	17,010	25,290
VH-450	4.500	4.658	.225	.046	4.610	.052	17,500	26,010
VH-462	4.625	4.784	.225	.046	4.735	.052	17,980	26,740
VH-475	4.750	4.910	.225	.046	4.860	.052	18,470	27,460
VH-487	4.875	5.036	.225	.046	4.985	.052	18,950	28,180
VH-500	5.000	5.163	.225	.046	5.110	.052	19,440	28,900
VH-525	5.250	5.435	.225	.061	5.381	.067	24,490	40,240
VH-550	5.500	5.694	.225	.061	5.638	.067	26,830	42,160
VH-575	5.750	5.953	.225	.061	5.894	.067	29,260	44,080
VH-600	6.000	6.212	.265	.061	6.150	.067	31,810	45,990
VH-625	6.250	6.470	.265	.061	6.406	.067	34,460	47,910
VH-650	6.500	6.730	.265	.061	6.663	.067	37,680	49,830
VH-675	6.750	6.988	.265	.061	6.919	.067	40,560	51,740
VH-700	7.000	7.247	.265	.061	7.175	.067	43,540	53,660
VH-725	7.250	7.505	.265	.061	7.431	.067	46,640	55,580
VH-750	7.500	7.765	.265	.061	7.688	.067	49,830	57,490
VH-775	7.750	8.023	.300	.061	7.944	.067	53,140	59,410
VH-800	8.000	8.282	.300	.061	8.200	.067	56,550	61,320
VH-825	8.250	8.541	.300	.061	8.456	.067	60,070	63,240
VH-850	8.500	8.800	.300	.061	8.713	.067	64,290	65,160
VH-875	8.750	9.059	.345	.076	8.969	.082	68,040	83,570
VH-900	9.000	9.317	.345	.076	9.225	.082	71,890	85,950
VH-925	9.250	9.576	.345	.076	9.481	.082	75,850	88,340
VH-950	9.500	9.835	.345	.076	9.738	.082	79,910	90,730
VH-975	9.750	10.094	.345	.076	9.994	.082	84,080	93,120
VH-1000	10.000	10.353	.345	.076	10.250	.082	88,360	95,500

INTERNAL RETAINING RINGS

<sup>1</sup> Add suffix "S02" for 302 stainless steel, "S16" for 316 stainless steel.

<sup>2</sup> Based on a groove material yield strength of 45,000 psi and a safety factor of 2.

<sup>3</sup> Based on a safety factor of 3.

<sup>4</sup> See pages 102-103 for How to Order.