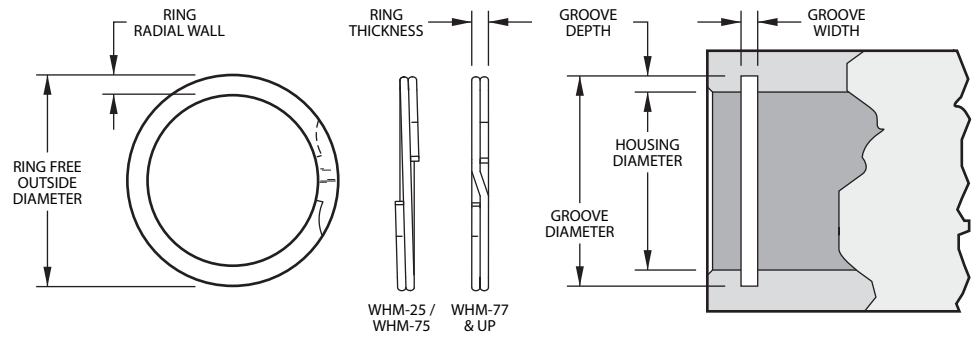




AS 3215, AS 4299
MIL-DTL-27426/4

Product Dimensions

All dimensions are in inches unless otherwise specified.



Stock Items available in carbon and stainless steel.

Smalley Part Number ^{1, 4}	Housing Diameter	RING			GROOVE		THRUST CAPACITY	
		Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) ²	Ring Shear (lb) ³
WHM-25	.250	.270	.020	.015	.268	.020	159	561
WHM-31	.312	.333	.025	.015	.330	.020	198	700
WHM-37	.375	.400	.030	.025	.397	.029	292	1,442
WHM-43	.437	.464	.035	.025	.461	.029	371	1,680
WHM-50	.500	.538	.045	.035	.530	.039	530	2,530
WHM-51	.512	.550	.045	.035	.542	.039	540	2,590
WHM-56	.562	.605	.055	.035	.596	.039	680	2,840
WHM-62	.625	.675	.055	.035	.665	.039	880	3,160
WHM-68	.688	.743	.065	.035	.732	.039	1,070	3,480
WHM-75	.750	.807	.065	.035	.796	.039	1,220	3,790
WHM-77	.777	.836	.075	.042	.825	.046	1,320	4,720
WHM-81	.812	.873	.075	.042	.862	.046	1,440	4,930
WHM-86	.866	.931	.075	.042	.920	.046	1,650	5,260
WHM-87	.875	.943	.085	.042	.931	.046	1,730	5,310
WHM-90	.901	.972	.085	.042	.959	.046	1,850	5,470
WHM-93	.938	1.013	.085	.042	1.000	.046	2,060	5,690
WHM-100	1.000	1.080	.085	.042	1.066	.046	2,330	6,070
WHM-102	1.023	1.105	.085	.042	1.091	.046	2,460	6,210
WHM-106	1.062	1.138	.103	.050	1.130	.056	2,550	7,010
WHM-112	1.125	1.205	.103	.050	1.197	.056	2,860	7,420
WHM-118	1.188	1.271	.103	.050	1.262	.056	3,110	7,840
WHM-125	1.250	1.339	.103	.050	1.330	.056	3,530	8,250
WHM-131	1.312	1.406	.118	.050	1.396	.056	3,900	8,660
WHM-137	1.375	1.471	.118	.050	1.461	.056	4,180	9,070
WHM-143	1.439	1.539	.118	.050	1.528	.056	4,580	9,490
WHM-145	1.456	1.559	.118	.050	1.548	.056	4,730	9,610
WHM-150	1.500	1.605	.118	.050	1.594	.056	4,980	9,900
WHM-156	1.562	1.675	.128	.062	1.658	.068	5,300	12,780
WHM-162	1.625	1.742	.128	.062	1.725	.068	5,740	13,290
WHM-165	1.653	1.772	.128	.062	1.755	.068	5,960	13,520
WHM-168	1.688	1.810	.128	.062	1.792	.068	6,210	13,810
WHM-175	1.750	1.876	.128	.062	1.858	.068	6,680	14,320
WHM-181	1.812	1.940	.128	.062	1.922	.068	7,050	14,820
WHM-185	1.850	1.981	.158	.062	1.962	.068	7,320	15,130
WHM-187	1.875	2.008	.158	.062	1.989	.068	7,560	15,340
WHM-193	1.938	2.075	.158	.062	2.056	.068	8,080	15,850
WHM-200	2.000	2.142	.158	.062	2.122	.068	8,620	16,360
WHM-206	2.062	2.201	.168	.078	2.186	.086	9,040	21,220
WHM-212	2.125	2.267	.168	.078	2.251	.086	9,460	21,870
WHM-218	2.188	2.334	.168	.078	2.318	.086	10,050	22,520
WHM-225	2.250	2.399	.168	.078	2.382	.086	10,500	23,160
WHM-231	2.312	2.467	.200	.078	2.450	.086	11,280	23,800
WHM-237	2.375	2.535	.200	.078	2.517	.086	11,920	24,440
WHM-244	2.440	2.602	.200	.078	2.584	.086	12,420	25,110
WHM-250	2.500	2.667	.200	.078	2.648	.086	13,080	25,730
WHM-253	2.531	2.700	.200	.078	2.681	.086	13,420	26,050
WHM-256	2.562	2.733	.225	.093	2.714	.103	13,760	29,940
WHM-262	2.625	2.801	.225	.093	2.781	.103	14,470	30,680
WHM-268	2.688	2.868	.225	.093	2.848	.103	15,200	31,410
WHM-275	2.750	2.934	.225	.093	2.914	.103	15,940	32,140

¹ Add suffix "-S02" for 302 stainless steel, "-S16" for 316 stainless steel.

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

³ Based on a safety factor of 3.

⁴ See pages 102-103 for How to Order.

INTERNAL RETAINING RINGS

Manufactured in USA

Smalley Part Number ^{1,4}	Housing Diameter	RING			GROOVE		THRUST CAPACITY	
		Outside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) ²	Ring Shear (lb) ³
WHM-281	2.813	3.001	.225	.093	2.980	.103	16,700	32,880
WHM-283	2.834	3.027	.225	.093	3.006	.103	17,230	33,120
WHM-287	2.875	3.072	.225	.093	3.051	.103	17,880	33,600
WHM-300	3.000	3.204	.225	.093	3.182	.103	18,300	35,060
WHM-306	3.062	3.271	.281	.111	3.248	.120	20,130	42,710
WHM-312	3.125	3.338	.281	.111	3.315	.120	20,990	43,590
WHM-315	3.157	3.371	.281	.111	3.348	.120	21,420	44,040
WHM-325	3.250	3.470	.281	.111	3.446	.120	22,510	45,330
WHM-334	3.346	3.571	.281	.111	3.546	.120	23,650	46,670
WHM-347	3.464	3.701	.281	.111	3.675	.120	25,710	48,320
WHM-350	3.500	3.736	.281	.111	3.710	.120	25,980	48,820
WHM-354	3.543	3.781	.281	.111	3.755	.120	26,550	49,420
WHM-356	3.562	3.802	.281	.111	3.776	.120	26,940	49,690
WHM-362	3.625	3.868	.281	.111	3.841	.120	27,670	50,560
WHM-375	3.750	4.002	.312	.111	3.974	.120	29,690	52,310
WHM-387	3.875	4.136	.312	.111	4.107	.120	31,770	54,050
WHM-393	3.938	4.203	.312	.111	4.174	.120	32,850	54,930
WHM-400	4.000	4.270	.312	.111	4.240	.120	33,930	55,800
WHM-412	4.125	4.395	.312	.111	4.365	.120	34,990	57,540
WHM-425	4.250	4.520	.312	.111	4.490	.120	36,050	59,280
WHM-433	4.330	4.600	.312	.111	4.570	.120	36,730	60,400
WHM-450	4.500	4.770	.312	.111	4.740	.120	38,170	62,770
WHM-462	4.625	4.899	.312	.111	4.865	.120	39,230	64,510
WHM-475	4.750	5.030	.312	.111	4.995	.120	41,300	66,260
WHM-500	5.000	5.297	.312	.111	5.260	.120	45,950	69,740
WHM-525	5.250	5.559	.350	.127	5.220	.139	50,100	83,790
WHM-537	5.375	5.685	.350	.127	5.645	.139	51,290	85,780
WHM-550	5.500	5.810	.350	.127	5.770	.139	52,480	87,780
WHM-575	5.750	6.062	.350	.127	6.020	.139	54,870	91,770
WHM-600	6.000	6.314	.350	.127	6.270	.139	57,260	95,760
WHM-625	6.250	6.576	.380	.156	6.530	.174	61,850	122,520
WHM-650	6.500	6.838	.380	.156	6.790	.174	66,620	127,420
WHM-662	6.625	6.974	.380	.156	6.925	.174	70,240	129,870
WHM-675	6.750	7.105	.380	.156	7.055	.174	73,000	132,320
WHM-700	7.000	7.366	.380	.156	7.315	.174	78,180	137,230
WHM-725	7.250	7.628	.418	.187	7.575	.209	83,530	170,370
WHM-750	7.500	7.895	.418	.187	7.840	.209	90,120	176,240
WHM-775	7.750	8.157	.418	.187	8.100	.209	95,870	182,120
WHM-800	8.000	8.419	.418	.187	8.360	.209	101,790	187,990
WHM-825	8.250	8.680	.437	.187	8.620	.209	107,880	193,870
WHM-850	8.500	8.942	.437	.187	8.880	.209	114,160	199,740
WHM-875	8.750	9.209	.437	.187	9.145	.209	122,460	205,620
WHM-900	9.000	9.471	.437	.187	9.405	.209	129,140	211,490
WHM-925	9.250	9.737	.437	.187	9.669	.209	137,310	217,370
WHM-950	9.500	10.000	.500	.187	9.930	.209	144,380	223,240
WHM-975	9.750	10.260	.500	.187	10.189	.209	150,620	229,120
WHM-1000	10.000	10.523	.500	.187	10.450	.209	159,040	234,990
WHM-1025	10.250	10.786	.500	.187	10.711	.209	167,370	240,870
WHM-1050	10.500	11.047	.500	.187	10.970	.209	174,420	246,740
WHM-1075	10.750	11.313	.500	.187	11.234	.209	183,890	252,620
WHM-1100	11.000	11.575	.500	.187	11.495	.209	192,830	258,490
WHM-1125	11.250	11.838	.500	.187	11.756	.209	201,190	264,370
WHM-1150	11.500	12.102	.562	.187	12.018	.209	210,540	270,240
WHM-1175	11.750	12.365	.562	.187	12.279	.209	220,100	276,120
WHM-1200	12.000	12.628	.562	.187	12.540	.209	229,020	281,990
WHM-1225	12.250	12.891	.562	.187	12.801	.209	238,990	287,860
WHM-1250	12.500	13.154	.562	.187	13.063	.209	249,170	293,740
WHM-1275	12.750	13.417	.562	.187	13.324	.209	258,660	299,610
WHM-1300	13.000	13.680	.662	.187	13.585	.209	269,240	305,490
WHM-1325	13.250	13.943	.662	.187	13.846	.209	279,100	311,360
WHM-1350	13.500	14.207	.662	.187	14.108	.209	290,100	317,240
WHM-1375	13.750	14.470	.662	.187	14.369	.209	301,300	323,110
WHM-1400	14.000	14.732	.662	.187	14.630	.209	311,730	328,990
WHM-1425	14.250	14.995	.662	.187	14.891	.209	323,340	334,860
WHM-1450	14.500	15.259	.750	.187	15.153	.209	335,160	340,740
WHM-1475	14.750	15.522	.750	.187	15.414	.209	346,150	346,610
WHM-1500	15.000	15.785	.750	.187	15.675	.209	358,380	352,490

INTERNAL RETAINING RINGS

¹ Add suffix "-S02" for 302 stainless steel, "-S16" for 316 stainless steel.

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

³ Based on a safety factor of 3.

⁴ See pages 102-103 for How to Order.