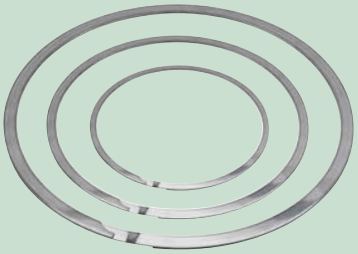
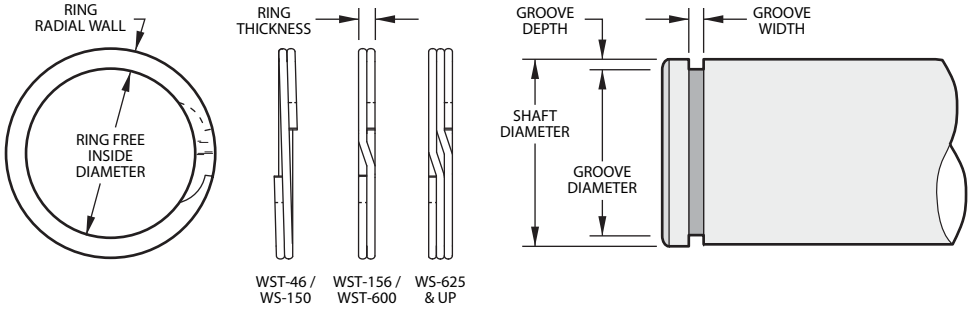


Product Dimensions
All dimensions are in inches unless otherwise specified.



Stock Items in carbon and stainless steel.

Smalley Part Number[1, 4]	Shaft Diameter	RING						GROOVE				THRUST CAPACITY	
		Inside Diameter		Radial Wall		Thickness		Diameter		Width		Groove Yield (lb)[2]	Ring Shear (lb)[3]
WST-46	.469	.436		.045		.025		.443	±.002	.029		430	1,800
WST-50	.500	.469		.045		.035		.474		.039		460	2,530
WST-55	.551	.518		.045		.035		.524		.039		550	2,790
WST-56	.562	.529		.045		.035		.535		.039		560	2,840
WST-59	.594	.559		.045		.035		.565		.039		630	3,000
WST-62	.625	.590		.055		.035		.596		.039		660	3,160
WST-66	.669	.630		.055		.035		.638		.039		760	3,380
WST-68	.688	.648		.065		.042		.655		.046		830	4,180
WST-75	.750	.708		.065		.042		.715	±.003	.046	+.003/-.000	950	4,550
WST-78	.781	.738	+.000/-.013	.065		.042		.745		.046		990	4,740
WST-81	.812	.768		.065		.042		.776		.046		1,030	4,930
WST-87	.875	.827		.075		.042		.835		.046		1,240	5,310
WST-93	.938	.886		.075		.042	±.002	.894		.046		1,460	5,690
WST-98	.984	.934		.075		.042		.940		.046		1,530	5,970
WST-100	1.000	.947		.075		.042		.955		.046		1,630	6,070
WST-102	1.023	.969		.075		.042		.977		.046		1,660	6,210
WST-106	1.062	1.005		.088		.050		1.015		.056		1,800	7,010
WST-112	1.125	1.064		.088		.050		1.075		.056		1,990	7,420
WST-118	1.188	1.126		.088		.050		1.135		.056		2,270	7,370
WST-125	1.250	1.184	+.000/-.015	.093	.004	.050		1.195	±.004	.056		2,470	8,250
WST-131	1.312	1.240		.098		.050		1.250		.056		2,880	8,660
WST-137	1.375	1.298		.103		.050		1.310		.056		3,210	9,070
WST-143	1.438	1.359		.103		.050		1.370		.056		3,460	9,490
WST-150	1.500	1.419		.103		.050		1.430		.056		3,710	9,900
WST-156	1.562	1.476		.108		.062		1.490		.068		3,980	12,780
WST-162	1.625	1.537		.118		.062		1.550		.068		4,370	13,290
WST-168	1.687	1.598		.118		.062		1.610		.068	+.004/-.000	4,650	13,800
WST-175	1.750	1.657		.118		.062		1.670		.068		4,950	14,320
WST-177	1.771	1.676	+.000/-.020	.123		.062		1.689	±.005	.068		5,130	14,490
WST-181	1.812	1.714		.123		.062		1.730		.068		5,250	14,820
WST-187	1.875	1.774		.123		.062		1.790		.068		5,700	15,340
WST-196	1.969	1.864		.123		.062		1.879		.068		6,260	16,110
WST-200	2.000	1.894		.128		.062		1.910		.068		6,360	16,360
WST-206	2.062	1.955		.141		.078		1.970		.086		6,710	21,220
WST-212	2.125	2.012		.141		.078		2.027		.086		7,360	21,870
WST-215	2.156	2.041		.141		.078	±.003	2.057		.086		7,620	22,190
WST-225	2.250	2.129		.141		.078		2.145		.086		8,430	23,160
WST-231	2.312	2.188		.141		.078		2.205		.086		8,830	23,800
WST-237	2.375	2.248		.141		.078		2.265		.086		9,230	24,440
WST-243	2.437	2.307	+.000/-.025	.141		.078		2.325	±.006	.086	+.005/-.000	9,650	25,080
WST-250	2.500	2.366		.188		.078		2.385		.086		10,250	25,730
WST-255	2.559	2.424		.188		.078		2.443		.086		10,490	26,340
WST-262	2.625	2.485		.188		.078		2.505		.086		11,130	27,020
WST-268	2.687	2.545		.188	±.005	.078		2.565		.086		11,590	27,660
WST-275	2.750	2.604	+.000/-.030	.188		.093		2.625		.103		12,250	32,140
WST-287	2.875	2.722		.188		.093		2.742		.103		13,620	33,600
WST-293	2.937	2.780		.188		.093		2.801		.103		14,120	34,320

[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.

Manufactured in USA

Smalley Part Number [1, 4]	Shaft Diameter	RING			GROOVE		THRUST CAPACITY	
		Inside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) [2]	Ring Shear (lb) [3]
WST-300	3.000	2.838	.188	.093	2.860	.103	14,840	35,060
WST-306	3.062	2.897	.188	.093	2.920	.103	15,370	35,790
WST-312	3.125	2.957	.188	.093	2.980	.103	16,130	36,520
WST-315	3.156	2.986	.188	.093	3.010	.103	16,290	36,880
WST-325	3.250	3.075	.188	.093	3.100	.103	17,230	37,980
WST-334	3.344	3.164	.188	.093	3.190	.103	18,200	39,080
WST-343	3.437	3.254	.188	.093	3.280	.103	19,190	40,170
WST-350	3.500	3.153	.250	.111	3.340	.120	19,790	48,820
WST-354	3.543	3.356	.250	.111	3.381	.120	20,290	49,420
WST-362	3.625	3.433	.250	.111	3.458	.120	21,520	50,560
WST-368	3.687	3.490	.250	.111	3.517	.120	22,150	51,430
WST-375	3.750	3.550	.250	.111	3.577	.120	23,060	52,310
WST-387	3.875	3.670	.250	.111	3.696	.120	24,650	54,050
WST-393	3.938	3.730	.250	.111	3.756	.120	25,330	54,930
WST-400	4.000	3.787	.250	.111	3.815	.120	26,300	55,800
WST-425	4.250	4.032	.250	.111	4.065	.120	27,940	59,280
WST-437	4.375	4.162	.250	.111	4.190	.120	28,760	61,030
WST-450	4.500	4.280	.250	.111	4.310	.120	30,220	62,770
WST-475	4.750	4.515	.250	.111	4.550	.120	33,580	66,260
WST-500	5.000	4.755	.250	.111	4.790	.120	37,110	69,740
WST-525	5.250	4.995	.375	.127	5.030	.139	40,820	83,790
WST-550	5.500	5.229	.375	.127	5.265	.139	45,880	87,780
WST-575	5.750	5.466	.375	.127	5.505	.139	49,990	91,770
WST-600	6.000	5.705	.375	.127	5.745	.139	54,290	95,760

+.000/-.030 (Inside Diameter, WST-300 through WST-343)
+.000/-.040 (Inside Diameter, WST-350 through WST-500)
+.000/-.050 (Inside Diameter, WST-525 through WST-600)
±.005 (Radial Wall, WST-300 through WST-500)
±.006 (Radial Wall, WST-525 through WST-600)
±.003 (Thickness, WST-300 through WST-500)
±.004 (Thickness, WST-525 through WST-600)
±.006 (Diameter, WST-300 through WST-500)
±.007 (Diameter, WST-525 through WST-600)
±.005 (Width, WST-300 through WST-500)
±.006 (Width, WST-525 through WST-600)

[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.

Stock Items in carbon and stainless steel. Rings listed below are three-turn construction.

Smalley Part Number [1, 4]	Shaft Diameter	RING			GROOVE		THRUST CAPACITY	
		Inside Diameter	Radial Wall	Thickness	Diameter	Width	Groove Yield (lb) [2]	Ring Shear (lb) [3]
WST-625	6.250	5.942	.312	.165	5.985	.174	58,760	129,590
WST-650	6.500	6.182	.312	.165	6.225	.174	63,410	134,780
WST-675	6.750	6.420	.312	.165	6.465	.174	68,230	139,960
WST-700	7.000	6.658	.312	.165	6.705	.174	73,230	145,140
WST-725	7.250	6.894	.312	.165	6.942	.174	78,290	172,190
WST-750	7.500	7.130	.375	.189	7.180	.209	84,820	178,130
WST-775	7.750	7.368	.375	.189	7.420	.209	90,390	184,070
WST-800	8.000	7.607	.375	.189	7.660	.209	96,130	190,000
WST-825	8.250	7.845	.375	.189	7.900	.209	102,050	195,940
WST-850	8.500	8.083	.375	.189	8.140	.209	108,150	201,880
WST-875	8.750	8.321	.375	.189	8.383	.209	113,800	207,820
WST-900	9.000	8.560	.375	.189	8.620	.209	120,870	213,750
WST-925	9.250	8.798	.375	.189	8.860	.209	127,500	219,690
WST-950	9.500	9.036	.375	.189	9.100	.209	134,300	225,630
WST-975	9.750	9.273	.375	.189	9.338	.209	141,970	231,570
WST-1000	10.000	9.508	.375	.189	9.575	.209	150,560	237,500

+.000/-.060 (Inside Diameter, WST-625 through WST-725)
+.000/-.070 (Inside Diameter, WST-750 through WST-1000)
±.006 (Radial Wall)
±.005 (Thickness)
±.008 (Diameter)
+.008/-.000 (Width)

[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.