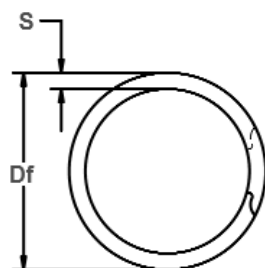


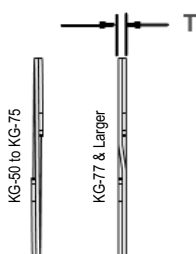
KG Spiral Housing Rings

Internal, Heavy Duty

The greatest size range and thrust capacity make these rings the only choice for applications that require minimum deflection or thrust loads that demand a deep groove capacity.

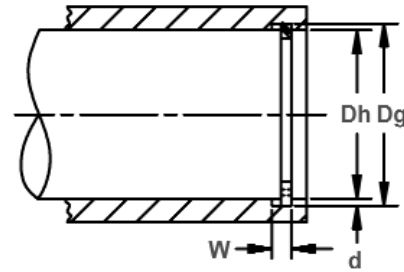
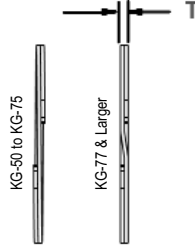
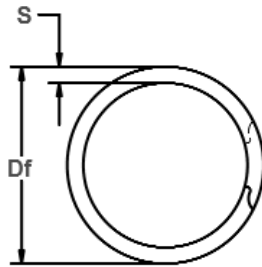


Free Diameter & Ring Measurements



Housing Diameter & Groove Dimensions

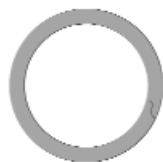
RING NO.	HOUSING DIAMETER	GROOVE SIZE						RING SIZE					THRUST LOAD (lbs.)	
		DIAMETER		WIDTH		DEPTH	FREE DIAMETER		THICKNESS		SECTION		RING Safety factor of 3	GROOVE Safety factor of 2
	(In.)													
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.		
KG-50	.500	.530	+.002 -.002	.039	+.003 -.000	.015	.538	+.013 -.000	.035	+.002 -.002	.045	+.004 -.004	2530	530
KG-51	.512	.542		.039		.015	.550		.035		.045		2590	540
KG-56	.562	.596		.039		.017	.605		.035		.055		2840	680
KG-62	.625	.665		.039		.020	.675		.035		.055		3160	880
KG-68	.688	.732		.039		.022	.743		.035		.065		3480	1070
KG-75	.750	.796	.039	.023		.807	.035		.065		3790		1220	
KG-77	.777	.825	+.003 -.003	.046		.024	.836		.042		.075		4720	1320
KG-81	.812	.862		.046		.025	.873		.042		.075		4930	1440
KG-86	.866	.920		.046		.027	.931		.042		.075		5260	1650
KG-87	.875	.931		.046		.028	.943		.042		.085		5310	1730
KG-90	.901	.959		.046	.029	.972	.042	.085	5470	1850				
KG-93	.938	1.000		.046	.031	1.013	.042	.085	5690	2060				
KG-100	1.000	1.066		.046	.033	1.080	.042	.085	6070	2330				
KG-102	1.023	1.091		.046	.034	1.105	.042	.085	6210	2460				
KG-106	1.062	1.130		+.004 -.004	.056	.034	1.138	.050	.103	7010	2550			
KG-112	1.125	1.197			.056	.036	1.205	.050	.103	7420	2860			
KG-118	1.188	1.262	.056		.037	1.271	.050	.103	7840	3110				
KG-125	1.250	1.330	.056		.040	1.339	.050	.103	8250	3530				
KG-131	1.312	1.396	.056		.042	1.406	.050	.118	8660	3900				
KG-137	1.375	1.461	.056		.043	1.471	.050	.118	9070	4180				
KG-143	1.439	1.528	.056		.045	1.539	.050	.118	9490	4580				
KG-145	1.456	1.548	.056		.046	1.559	.050	.118	9610	4730				
KG-150	1.500	1.594	.056		.047	1.605	.050	.118	9900	4980				
KG-156	1.562	1.658	.068		.048	1.675	.062	.128	12780	5300				
KG-162	1.625	1.725	+.005 -.005	.068	.050	1.742	.062	.128	13290	5740				
KG-165	1.653	1.755		.068	.051	1.772	.062	.128	13520	5960				
KG-168	1.688	1.792		.068	.052	1.810	.062	.128	13810	6210				
KG-175	1.750	1.858		.068	.054	1.876	.062	.128	14320	6680				



Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

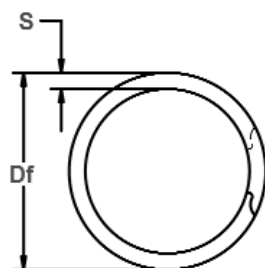
RING NO.	HOUSING DIAMETER (In.)	GROOVE SIZE					RING SIZE					THRUST LOAD (lbs.)	
		DIAMETER		WIDTH		DEPTH	FREE DIAMETER		THICKNESS		SECTION	RING Safety factor of 3	GROOVE Safety factor of 2
		Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S		
KG-181	1.812	1.922		.068		.055	1.940		.062		.128	14820	7050
KG-185	1.850	1.962	+ .005	.068	+ .004	.056	1.981	+ .020	.062		.158	15130	7320
KG-187	1.875	1.989	- .005	.068	- .000	.057	2.008	- .000	.062		.158	15340	7560
KG-193	1.938	2.056		.068		.059	2.075		.062		.158	15850	8080
KG-200	2.000	2.122		.068		.061	2.142		.062		.158	16360	8620
KG-206	2.062	2.186		.086		.062	2.201		.078		.168	21220	9040
KG-212	2.125	2.251		.086		.063	2.267		.078		.168	21870	9460
KG-218	2.188	2.318		.086		.065	2.334		.078		.168	22520	10050
KG-225	2.250	2.382		.086		.066	2.399		.078		.168	23160	10500
KG-231	2.312	2.450		.086		.069	2.467	+ .025	.078		.200	23800	11280
KG-237	2.375	2.517		.086		.071	2.535	- .000	.078		.200	24440	11920
KG-244	2.440	2.584		.086		.072	2.602		.078	+ .003	.200	25110	12420
KG-250	2.500	2.648		.086		.074	2.667		.078	- .003	.200	25730	13080
KG-253	2.531	2.681		.086		.075	2.700		.078		.200	26050	13420
KG-256	2.562	2.714	+ .006	.103	+ .005	.076	2.733		.093		.225	29940	13760
KG-262	2.625	2.781	- .006	.103	- .000	.078	2.801		.093		.225	30680	14470
KG-268	2.688	2.848		.103		.080	2.868		.093		.225	31410	15200
KG-275	2.750	2.914		.103		.082	2.934	+ .030	.093		.225	32140	15940
KG-281	2.813	2.980		.103		.084	3.001	- .000	.093		.225	32880	16700
KG-283	2.834	3.006		.103		.086	3.027		.093		.225	33120	17230
KG-287	2.875	3.051		.103		.088	3.072		.093		.225	33600	17880
KG-300	3.000	3.182		.103		.091	3.204		.093		.225	35060	18300
KG-306	3.062	3.248		.120		.093	3.271		.111		.281	42710	20130
KG-312	3.125	3.315		.120		.095	3.338		.111		.281	43590	20990
KG-315	3.157	3.348		.120		.096	3.371	+ .035	.111		.281	44040	21420
KG-325	3.250	3.446		.120		.098	3.470	- .000	.111		.281	45330	22510
KG-334	3.346	3.546		.120		.100	3.571		.111		.281	46670	23650
KG-347	3.464	3.675		.120		.105	3.701		.111		.281	48320	25710



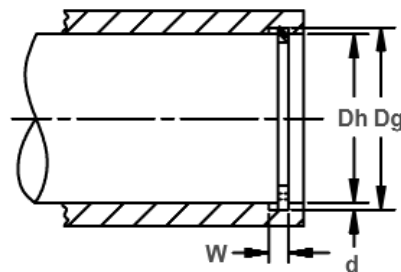
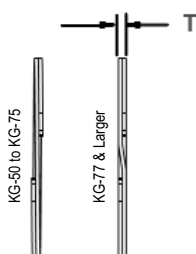
KG Spiral Housing Rings

Internal, Heavy Duty

The greatest size range and thrust capacity make these rings the only choice for applications that require minimum deflection or thrust loads that demand a deep groove capacity.

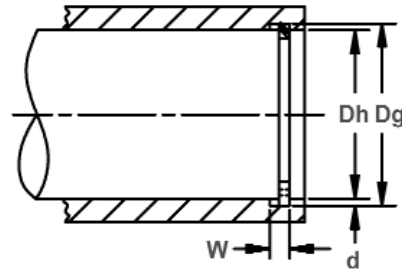
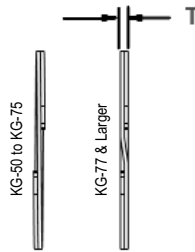
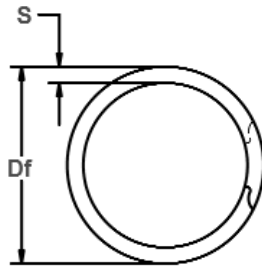


Free Diameter & Ring Measurements



Housing Diameter & Groove Dimensions

RING NO.	HOUSING DIAMETER (In.)	GROOVE SIZE						RING SIZE				THURST LOAD (lbs.)		
		DIAMETER		WIDTH		DEPTH	FREE DIAMETER		THICKNESS		SECTION		RING Safety factor of 3	GROOVE Safety factor of 2
		Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.		
KG-350	3.500	3.710		.120		.105	3.736		.111		.281		48820	25980
KG-354	3.543	3.755		.120		.106	3.781		.111		.281		49420	26550
KG-356	3.562	3.776		.120		.107	3.802		.111		.281		49690	26940
KG-362	3.625	3.841		.120		.108	3.868		.111		.281		50560	27670
KG-375	3.750	3.974		.120		.112	4.002		.111		.312		52310	29690
KG-387	3.875	4.107		.120		.116	4.136		.111		.312		54050	31770
KG-393	3.938	4.174		.120		.118	4.203		.111		.312		54930	32850
KG-400	4.000	4.240		.120		.120	4.270		.111		.312		55800	33930
KG-412	4.125	4.365		.120		.120	4.395		.111		.312		57540	34990
KG-425	4.250	4.490		.120		.120	4.520		.111		.312		59280	36050
KG-433	4.330	4.570		.120		.120	4.600		.111		.312		60400	36730
KG-450	4.500	4.740		.120		.120	4.770		.111		.312		62770	38170
KG-462	4.625	4.865		.120		.120	4.899		.111		.312		64510	39230
KG-475	4.750	4.995		.120		.123	5.030		.111		.312		66260	41300
KG-500	5.000	5.260		.120		.130	5.297		.111		.312		69740	45950
KG-525	5.250	5.520		.139		.135	5.559		.127		.350		83790	50100
KG-537	5.375	5.645		.139		.135	5.685		.127		.350		85780	51290
KG-550	5.500	5.770		.139		.135	5.810		.127		.350		87780	52480
KG-575	5.750	6.020		.139		.135	6.062		.127		.350		91770	54870
KG-600	6.000	6.270		.139		.135	6.314		.127		.350		95760	57260
KG-625	6.250	6.530		.174		.140	6.576		.156		.380		122520	61850
KG-650	6.500	6.790		.174		.145	6.838		.156		.380		127420	66620
KG-662	6.625	6.925		.174		.150	6.974		.156		.380		129870	70240
KG-675	6.750	7.055		.174		.153	7.105		.156		.380		132320	73000
KG-700	7.000	7.315		.174		.158	7.366		.156		.380		137230	78180
KG-725	7.250	7.575		.209		.163	7.628		.187		.418		170370	83530
KG-750	7.500	7.840		.209		.170	7.895		.187		.418		176240	90120
KG-775	7.750	8.100		.209		.175	8.157		.187		.418		182120	95870



Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

RING NO.	HOUSING DIAMETER	GROOVE SIZE					RING SIZE						THRUST LOAD (lbs.)	
		DIAMETER		WIDTH		DEPTH	FREE DIAMETER		THICKNESS		SECTION		RING Safety factor of 3	GROOVE Safety factor of 2
	(In.)													
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.		
KG-800	8.000	8.360	+.008 -.008	.209	+.008 -.000	.180	8.419	+.070 -.000	.187	+.005 -.005	.418	+.007 -.007	187990	101790
KG-825	8.250	8.620		.209		.185	8.680		.187		.437		193870	107880
KG-850	8.500	8.880		.209		.190	8.942		.187		.437		199740	114160
KG-875	8.750	9.145		.209		.198	9.209		.187		.437		205620	122460
KG-900	9.000	9.405		.209		.203	9.471		.187		.437		211490	129140
KG-925	9.250	9.669		.209		.210	9.737		.187		.437		217370	137310
KG-950	9.500	9.930		.209		.215	10.000		.187		.500		223240	144380
KG-975	9.750	10.189		.209		.220	10.260		.187		.500		229120	150620
KG-1000	10.000	10.450		.209		.225	10.523		.187		.500		234990	159040
KG-1025	10.250	10.711		.209		.235	10.786		.187		.500		246740	174420
KG-1050	10.500	10.970	.209	.231	11.047	.187	.500	240870	167370					
KG-1075	10.750	11.234	+.010 -.010	.209	+.008 -.000	.242	11.313	+.120 -.000	.187	+.005 -.005	.500	+.015 -.015	252620	183890
KG-1100	11.000	11.495		.209		.248	11.575		.187		.500		258490	192830
KG-1125	11.250	11.756		.209		.253	11.838		.187		.500		264370	201190
KG-1150	11.500	12.018		.209		.259	12.102		.187		.562		270240	210540
KG-1175	11.750	12.279		.209		.265	12.365		.187		.562		276120	220100
KG-1200	12.000	12.540		.209		.270	12.628		.187		.562		281990	229020
KG-1225	12.250	12.801		.209		.276	12.891		.187		.562		287860	238990
KG-1250	12.500	13.063		.209		.282	13.154		.187		.562		293740	249170
KG-1275	12.750	13.324		.209		.287	13.417		.187		.562		299610	258660
KG-1300	13.000	13.585		+.012 -.012		.209	+.008 -.000		.293		13.680		+.140 -.000	.187
KG-1325	13.250	13.846	.209		.298	13.943		.187	.662	311360	279100			
KG-1350	13.500	14.108	.209		.304	14.207		.187	.662	317240	290100			
KG-1375	13.750	14.369	.209		.310	14.470		.187	.662	323110	301300			
KG-1400	14.000	14.630	.209		.315	14.732		.187	.662	328990	311730			
KG-1425	14.250	14.891	.209		.321	14.995		.187	.662	334860	323340			
KG-1450	14.500	15.153	.209		.327	15.259		.187	.750	340740	335160			
KG-1475	14.750	15.414	.209		.332	15.522		.187	.750	346610	346150			
KG-1500	15.000	15.675	.209		.338	15.785		.187	.750	352490	358380			