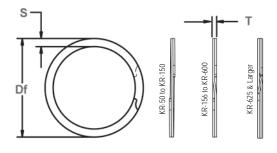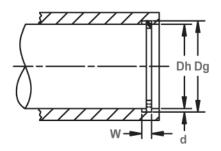# **KR** Spiral Housing Rings

Internal, Medium-Heavy Duty

These 2-turn and multi-turn rings provide 360° groove contact and are designed for applications with medium-high thrust loads.
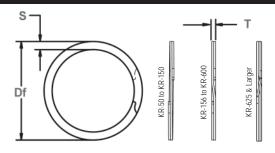

Free Diameter & Ring Measurements
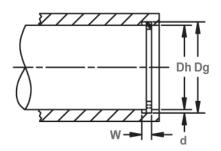

Housing Diameter & Groove Dimensions

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
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.		
KR-50	.500	.524	+.002/-.002	.039		.012	.529		.035		.045		2530	420
KR-51	.512	.536		.039		.012	.541		.035		.045		2590	430
KR-56	.562	.592		.039		.015	.597		.035		.045		2840	600
KR-62	.625	.659		.039		.017	.665		.035		.045		3160	750
KR-68	.688	.724		.039		.018	.730		.035		.055		3480	880
KR-75	.750	.790	+.003 -.003	.039		.020	.796		.035		.055		3790	1060
KR-77	.777	.819		.046	+.003 -.000	.021	.825	+.013 -.000	.042		.065		4720	1150
KR-81	.812	.857		.046		.023	.864		.042		.065		4930	1320
KR-86	.866	.912		.046		.023	.919		.042		.065		5260	1410
KR-87	.875	.922		.046		.024	.929		.042	+.002 -.002	.065		5310	1480
KR-90	.901	.950		.046		.025	.957		.042		.065		5470	1590
KR-93	.938	.989		.046		.026	.997		.042		.075		5690	1720
KR-100	1.000	1.055		.046		.028	1.063		.042		.075		6070	1980
KR-102	1.023	1.079		.046		.028	1.087		.042		.075		6210	2030
KR-106	1.062	1.120		.056		.029	1.129		.050		.078		7010	2180
KR-112	1.125	1.185		.056		.030	1.195		.050		.078	+.004 -.004	7420	2390
KR-118	1.188	1.250		.056		.031	1.260		.050		.088		7840	2600
KR-125	1.250	1.320	+.004 -.004	.056		.035	1.330	+.015 -.000	.050		.093		8250	3090
KR-131	1.312	1.385		.056		.037	1.395		.050		.093		8660	3430
KR-137	1.375	1.450		.056		.038	1.461		.050		.098		9070	3690
KR-143	1.438	1.515		.056		.039	1.526		.050		.103		9490	3960
KR-145	1.456	1.535		.056		.040	1.546		.050		.108		9610	4120
KR-150	1.500	1.580		.056	+.004 -.000	.040	1.591		.050		.108		9900	4240
KR-156	1.562	1.647		.068		.043	1.659		.062		.113		12780	4750
KR-162	1.625	1.715		.068		.045	1.727		.062		.113		13290	5170
KR-165	1.653	1.745		.068		.046	1.757		.062		.118		13520	5380
KR-168	1.688	1.780		.068		.046	1.793		.062		.118		13810	5490
KR-175	1.750	1.845	+.005 -.005	.068		.048	1.858	+.020 -.000	.062		.118		14320	5940
KR-181	1.812	1.910		.068		.049	1.923		.062		.123		14820	6280
KR-185	1.850	1.949		.068		.050	1.963		.062		.123		15130	6540
KR-187	1.875	1.975		.068		.050	1.989		.062		.128		15340	6630
KR-193	1.938	2.040		.068		.051	2.054		.062		.128		15850	6990
KR-200	2.000	2.110		.068		.055	2.125		.062		.138		16360	7780
KR-206	2.062	2.175		.086		.057	2.190		.078		.141		21220	8310
KR-212	2.125	2.240		.086		.058	2.255		.078	+.003 -.003	.141		21870	8710
KR-218	2.188	2.305		.086		.059	2.321		.078		.141		22520	9130
KR-225	2.250	2.370		.086		.060	2.386		.078		.141		23160	9540
KR-231	2.312	2.440		.086		.064	2.457		.078		.188		23800	10460
KR-237	2.375	2.505		.086		.065	2.522		.078		.188		24440	10910
KR-244	2.440	2.570		.086		.065	2.588		.078		.188		25110	11210
KR-250	2.500	2.635	+.006 -.006	.086	+.005 -.000	.068	2.653	+.025 -.000	.078		.188		25730	12020
KR-253	2.531	2.668		.086		.069	2.687		.078		.188	+.005 -.005	26050	12350
KR-256	2.562	2.700		.103		.069	2.720		.093		.188		29940	12500
KR-262	2.625	2.765		.103		.070	2.785		.093		.188		30680	12990
KR-268	2.688	2.834		.103		.073	2.855		.093		.188		31410	13870
KR-275	2.750	2.900		.103		.075	2.921		.093		.188		32140	14580
KR-281	2.813	2.965		.103		.076	2.987		.093		.188		32880	15110
KR-283	2.834	2.987		.103		.077	3.009		.093		.188		33120	15430

For the most up-to-date specifications, online ordering, quotations & sample orders, visit **www.rotorclip.com**

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 |
	Dh	Dg	Tol.	W	Tol.	d		Df	Tol.	T	Tol.	S	Tol.		
KR-287	2.875	3.030		.103		.078		3.053	+.025	.093		.188		33600	15850
KR-300	3.000	3.165		.103		.083		3.188	-.000	.093		.188		35060	17600
KR-306	3.062	3.230		.120		.084		3.253		.111		.250		42710	18180
KR-312	3.125	3.295		.120		.085		3.318		.111		.250		43590	18780
KR-315	3.156	3.328		.120		.086		3.354		.111		.250		44040	19190
KR-325	3.250	3.426		.120		.088		3.450		.111		.250		45330	20220
KR-334	3.346	3.525		.120		.090		3.550		.111		.250	+.005	46670	21290
KR-346	3.464	3.650		.120		.093		3.675		.111		.250	-.005	48320	22770
KR-350	3.500	3.690		.120		.095		3.716	+.030	.111		.250		48820	23500
KR-354	3.543	3.735	+.006	.120	+.005	.096		3.761	-.000	.111	+.003	.250		49420	24040
KR-356	3.562	3.756	-.006	.120	-.000	.097		3.783		.111	-.003	.250		49690	24420
KR-362	3.625	3.822		.120		.099		3.849		.111		.250		50560	25370
KR-375	3.750	3.955		.120		.103		3.982		.111		.250		52310	27300
KR-387	3.875	4.087		.120		.106		4.115		.111		.250		54050	29030
KR-393	3.938	4.150		.120		.106		4.178		.111		.250		54930	29510
KR-400	4.000	4.220		.120		.110		4.248		.111		.250		55800	31100
KR-412	4.125	4.345		.120		.110		4.373		.111		.312		57540	32070
KR-425	4.250	4.470		.120		.110		4.500		.111		.312		59280	33050
KR-433	4.330	4.556		.120		.113		4.586	+.035	.111		.312		60400	34590
KR-450	4.500	4.735		.120		.118		4.768	-.000	.111		.312		62770	37530
KR-462	4.625	4.865		.120		.120		4.897		.111		.312		64510	39230
KR-475	4.750	4.995		.120		.123		5.028		.111		.312		66260	41300
KR-500	5.000	5.260		.120		.130		5.295		.111		.312		69740	45950
KR-525	5.250	5.520		.139		.135		5.559		.127		.375		83790	50100
KR-537	5.375	5.645	+.007	.139	+.006	.135		5.685	+.045	.127	+.004	.375		85780	51290
KR-550	5.500	5.770	-.007	.139	-.000	.135		5.810	-.000	.127	-.004	.375		87780	52480
KR-575	5.750	6.020		.139		.135		6.062		.127		.375		91770	54870
KR-600	6.000	6.270		.139		.135		6.314		.127		.375		95760	57260
KR-625	6.250	6.530		.174		.140		6.576		.165		.312	+.006	129590	61850
KR-650	6.500	6.790		.174		.145		6.837	+.055	.165		.312	-.006	134780	66620
KR-662	6.625	6.925		.174		.150		6.973	-.000	.165		.312		137370	70240
KR-675	6.750	7.055		.174		.153		7.104		.165		.312		139960	73000
KR-700	7.000	7.315		.174		.158		7.366		.165		.312		145140	78180
KR-725	7.250	7.575		.209		.163		7.628		.189		.375		172190	83530
KR-750	7.500	7.840		.209		.170		7.895		.189		.375		178130	90120
KR-775	7.750	8.100	+.008	.209	+.008	.175		8.156		.189	+.005	.375		184070	95870
KR-800	8.000	8.360	-.008	.209	-.000	.180		8.418		.189	-.005	.375		190000	101790
KR-825	8.250	8.620		.209		.185		8.680		.189		.375		195940	107880
KR-850	8.500	8.880		.209		.190		8.942	+.070	.189		.375		201880	114160
KR-875	8.750	9.145		.209		.198		9.209	-.000	.189		.375		207820	122460
KR-900	9.000	9.405		.209		.203		9.471		.189		.375		213750	129140
KR-925	9.250	9.669		.209		.210		9.736		.189		.375		219690	137310
KR-950	9.500	9.930		.209		.215		9.999		.189		.375		225630	144380
KR-975	9.750	10.189		.209		.220		10.260		.189		.375		231570	151620
KR-1000	10.000	10.450		.209		.225		10.552		.189		.375		237500	159040
KR-1050	10.500	10.970		.209		.235		11.072		.189		.375		249380	174420