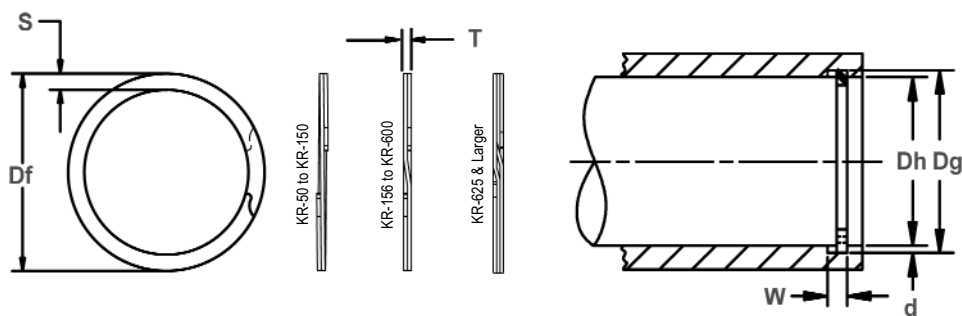




KR Spiral Housing Rings

Internal, Medium-Heavy Duty

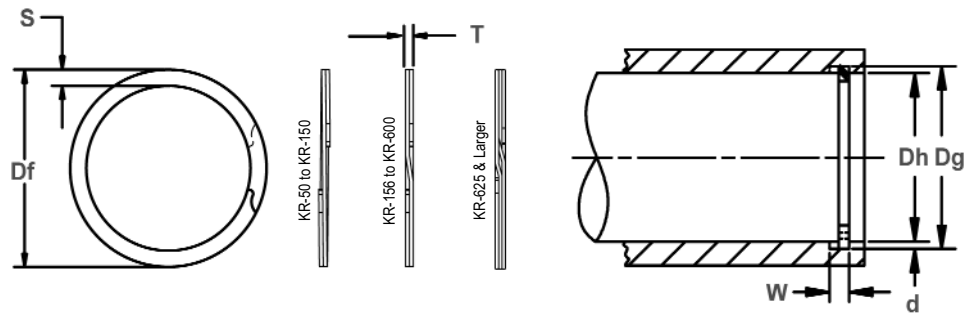
With load bearing capacities closer to the Heavy-duty series, and almost universal groove dimensions, these rings offer greatest ease of assembly with greatest thrust capacity.



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	Tol.		
KR-50	.500	.524	+ .002/- .002	.039	+ .003 - .000	.012	.529	+ .013 - .000	.035	+ .002 - .002	.045	+ .004 - .004	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		.039		.020	.796		.035		.055		3790	1060
KR-77	.777	.819		.046		.021	.825		.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		.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	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	.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	.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		.068	.048	1.858	.062	.118	14320	5940				
KR-181	1.812	1.910	+ .005 - .005	.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	.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	.068	2.653	.078	.188	25730	12020				
KR-253	2.531	2.668		.086	.069	2.687	.078	.188	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				



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.				
KR-287	2.875	3.030	+.006 -.006	.103	+.005 -.000	.078	3.053	+.025 -.000	.093	+.030 -.000	.188	+.003 -.003	+.005 -.005	33600	15850	
KR-300	3.000	3.165		.103		.083	3.188		.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			46670	21290	
KR-346	3.464	3.650		.120		.093	3.675		.111		.250			48320	22770	
KR-350	3.500	3.690		.120		.095	3.716		.111		.250			48820	23500	
KR-354	3.543	3.735		.120		.096	3.761		.111		.250			49420	24040	
KR-356	3.562	3.756		.120		.097	3.783		.111		.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		+.035 -.000		.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				.111			.312	60400	34590
KR-450	4.500	4.735		.120		.118	4.768				.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	+.007 -.007	.139	+.006 -.000	.135	5.559	+.045 -.000		.127	+.004 -.004	.375	+.006 -.006	83790	50100	
KR-537	5.375	5.645		.139		.135	5.685		.127	.375		85780		51290		
KR-550	5.500	5.770		.139		.135	5.810		.127	.375		87780		52480		
KR-575	5.750	6.020		.139		.135	6.062		.127	.375		91770		54870		
KR-600	6.000	6.270	+.008 -.008	.139	+.008 -.000	.135	6.314	+.055 -.000	.127	+.005 -.005	.375	+.070 -.000	95760	57260		
KR-625	6.250	6.530		+.006 -.006		.174	+.006 -.006		.140		6.576		.165	.312	129590	61850
KR-650	6.500	6.790				.174			.145		6.837		.165	.312	134780	66620
KR-662	6.625	6.925				.174			.150		6.973		.165	.312	137370	70240
KR-675	6.750	7.055				.174			.153		7.104		.165	.312	139960	73000
KR-700	7.000	7.315		+.008 -.008		.174	+.008 -.000		.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				.209			.175		8.156		.189	.375	184070	95870
KR-800	8.000	8.360				.209			.180		8.418		.189	.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		.189	.375	201880	114160
KR-875	8.750	9.145	.209		.198	9.209		.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							