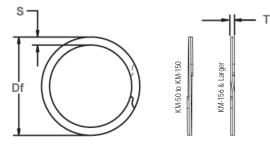
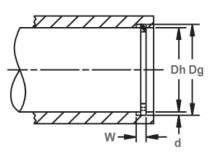
Internal, Medium Duty These 2-turn rings provide 360° groove contact and are designed for applications with medium thrust loads.





Free Diameter & Ring Measurements



Housing Diameter & Groove Dimensions

RING	HOUSING		0	ROOVE SI	ZE				THRUST LOAD (lbs.)					
NO.	DIAMETER	DIAME		ER WIDTH		DEPTH	FR		THIC	i SIZE (NESS	SECT	ION	RING	GROOVE
							DIAM	ETER					Safety	Safety
	(In.)												factor of	factor of
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.	3	2
KM-50	.500	.526		.030		.013	.532		.025		.045		2000	460
KM-51	.512	.538		.030		.013	.544		.025		.045		2050	470
KM-53	.531	.557		.030		.013	.564		.025		.045		2130	490
KM-56	.562	.588		.030		.013	.594		.025		.045		2250	520
KM-59	.594	.619	+.002	.030		.013	.626		.025		.045		2380	550
KM-62	.625	.651	002	.030		.013	.658		.025		.045		2500	570
KM-65	.656	.682		.030		.013	.689		.025		.045		2630	600
KM-68	.687	.713		.030		.013	.720		.025		.045		2750	630
KM-71	.718	.744		.030		.013	.751		.025		.045		2870	660
KM-75	.750	.782		.036	-	.016	.790	. 010	.031		.065		3360	850
KM-77	.777	.808		.036		.016	.817	+.013	.031		.065		3480	880
KM-78	.781	.812	-	.036	+.003	.016	.821	000	.031		.065		3500	880
KM-81	.812	.843	-	.036	000	.016	.853		.031		.065		3640	920
KM-84 KM-86	.843 .866	.880	-	.036 .036	-	.019 .019	.889 .913		.031 .031		.065		3780 3880	1130 1160
KM-87	.875	.903	+.003	.036		.019	.913		.031		.065		3920	1180
KM-90	.906	.912	003	.036	-	.019	.922		.031	+.002	.065	+.003	4060	1220
KM-90	.938	.945	003	.036		.019	.986		.031	002	.065	005	4000	1260
KM-96	.968	1.011		.030		.013	1.025		.037	002	.075 .075 .075	005	5180	1440
KM-98	.987	1.030		.042		.021	1.023		.037				5280	1470
KM-100	1.000	1.043		.042		.021	1.054		.037				5350	1480
KM-102	1.023	1.066		.042		.021	1.078		.037		.075		5470	1520
KM-102	1.020	1.074	1	.042		.021	1.084		.037		.075	1	5510	1530
KM-106	1.062	1.104		.042		.021	1.117		.037		.075	1	5680	1580
KM-109	1.093	1.135	1	.042	1	.021	1.147		.037		.075	1	5840	1620
KM-112	1.125	1.167	1	.042	1	.021	1.180		.037		.075	1	6020	1670
KM-115	1.156	1.198	1	.042	1	.021	1.210		.037		.075	1	6180	1720
KM-118	1.188	1.236	1	.048		.024	1.249	1	.043		.085	1	7380	2020
KM-121	1.218	1.266	1	.048	1	.024	1.278	1	.043		.085	1	7570	2070
KM-125	1.250	1.298	+.004	.048	1	.024	1.312	1	.043		.085	1	7770	2120
KM-128	1.281	1.329	004	.048	1	.024	1.342	+.015	.043		.085	1	7960	2170
KM-131	1.312	1.360	1	.048	+.004	.024	1.374	000	.043		.085	1	8150	2230
KM-134	1.343	1.395]	.048	000	.026	1.408		.043		.085		8350	2470
KM-137	1.375	1.427		.048		.026	1.442		.043		.095		8540	2530
KM-140	1.406	1.458		.048		.026	1.472		.043		.095		8740	2580
KM-143	1.437	1.489		.048		.026	1.504		.043		.095		8930	2640
KM-145	1.456	1.508		.048		.026	1.523		.043		.095		9050	2680
KM-146	1.468	1.520		.048		.026	1.535		.043		.095		9120	2700
KM-150	1.500	1.552		.048		.026	1.567		.043		.095		9320	2760

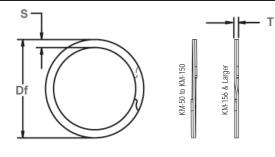
R

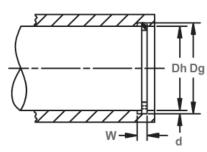
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R







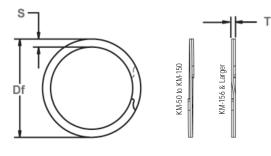
Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

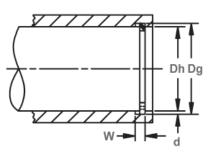
RING	HOUSING		G	ROOVE SIZ					THRUST LOAD (lbs.)					
NO.	DIAMETER	DIAM	IETER	WI	DTH	DEPTH	FR DIAM		THICKNESS		SECTION		RING Safety	GROOVE Safety
	(In.)												factor of	factor of
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	Т	Tol.	S	Tol.	3	2
KM-156	1.562	1.617		.056		.028	1.634		.049		.108		10100	3090
KM-157	1.574	1.633]	.056	.030	1.649]	.049]	.108		10180	3340	
KM-162	1.625	1.684		.056		.030	1.701		.049]	.108		10510	3350
KM-165	1.653	1.712		.056		.030	1.730		.049		.108		10690	3510
KM-168	1.687	1.750	+.005	.056	-	.031	1.768	+.020	.049		.118		10910	3700
KM-175	1.750	1.813	005	.056	4	.031	1.834	000	.049		.118		11310	3840
KM-181 KM-185	1.813 1.850	1.875 1.917		.056	-	.031 .034	1.894 1.937		.049 .049	-	.118 .118		11720 11960	3970 4450
KM-185	1.875	1.917		.056	-	.034	1.937	-	.049	-	.118		12120	4450
KM-107	1.938	2.005		.056		.034	2.025		.049	1	.118		12530	4660
KM-195	2.000	2.003	1	.056		.034	2.023		.049	1	.128		12930	4950
KM-204	2.000	2.118		.056		.035	2.138		.049	1	.128		18240	5060
KM-206	2.062	2.132		.056		.035	2.154		.049	1	.128	+.003	13330	5100
KM-212	2.125	2.195		.056	+.004	.035	2.217		.049	1	.128	005	13740	5260
KM-216	2.165	2.239	1	.056		.037	2.260		.049	1	.138		14000	5660
KM-218	2.188	2.262	1	.056	000	.037	2.284		.049	1	.138		14150	5720
KM-225	2.250	2.324	1	.056		.037	2.347		.049	1	.138		14550	5890
KM-231	2.312	2.390	1	.056		.039	2.413		.049	1	.138		14950	6370
KM-237	2.375	2.453]	.056		.039	2.476		.049]	.148		15360	6550
KM-243	2.437	2.519		.056		.041	2.543		.049				15760	7060
KM-244	2.440	2.522		.056		.041	2.546		.049				15780	7070
KM-250	2.500	2.582		.056		.041	2.606	+.025	.049	+.003			16160	7250
KM-253	2.531	2.617		.056		.043	2.641	000	.049	003			16360	7690
KM-256	2.562	2.648		.056	4	.043	2.673		.049		.148		16560	7790
KM-262	2.625	2.711		.056	_	.043	2.736		.049		.148		16970	7980
KM-267	2.677	2.767 2.778	+.006	.056	-	.045 .045	2.789		.049 .049	{	.158 .158		17310 17380	8520 8550
KM-268 KM-275	2.688 2.750	2.841	006	.056	-	.045	2.803 2.865		.049		.156		17300	8750
KM-275	2.750	2.903		.056	1	.045	2.005		.049	1	.156		18190	8950
KM-283	2.834	2.903		.056	1	.043	2.929		.049	1	.168		18320	9520
KM-287	2.875	2.969		.056	1	.047	2.995		.049	1	.168		18590	9550
KM-293	2.937	3.031		.056	1	.047	3.058	1	.049	1	.168		18990	9760
KM-295	2.952	3.046	1	.056	1	.047	3.073	1	.049	1	.168		19090	9810
KM-300	3.000	3.096	1	.068		.048	3.122	1	.061	1	.168		24150	10180
KM-306	3.062	3.158		.068]	.048	3.186		.061]	.168	+.004	24650	10390
KM-312	3.125	3.223		.068]	.048	3.251		.061]	.178	006	25150	10600
KM-314	3.149	3.247		.068	+.005	.048	3.276		.061		.178		25350	10680
KM-318	3.187	3.283		.068	000	.048	3.311	+.030	.061		.178		25650	10810
KM-325	3.250	3.350		.068		.050	3.379	000	.061		.178		26160	11490
KM-331	3.312	3.416		.068	.052 .052	3.446		.061		.188		26660	12170	
KM-334	3.346	3.450		.068			3.479		.061		.188		26930	12300
KM-337	3.375	3.479		.068		.052	3.509		.061		.188		27170	12410

Internal, Medium Duty These 2-turn rings provide 360° groove contact and are designed for applications with medium thrust loads.





Free Diameter & Ring Measurements



Housing Diameter & Groove Dimensions

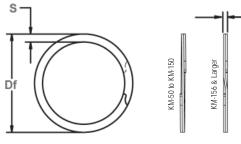
RING	HOUSING		GI	ROOVE SIZ					THRUST LOAD (lbs.)					
NO.	DIAMETER	DIAM	IETER	R WIDTH		DEPTH	FR		THICK	(NESS	SEC	TION	RING	GROOVE
	(1.)						DIAM	ETER					Safety	Safety
	(In.) Dh	Dg	Tol.	w	Tol.	d	Df	Tol.	T	Tol.	S	Tol.	factor of 3	factor of 2
KM-343	3.437	3.543	101.	.068	101.	.053	3.574	101.	.061	101.	.188	101.	27660	12880
KM-343	3.500	3.606		.068		.053	3.636		.061		.188		28170	13110
KM-354	3.543	3.653		.068	1	.055	3.684	1	.061		.198		28520	13770
KM-356	3.562	3.672		.068	1	.055	3.703	1	.061		.198		28670	13850
KM-362	3.625	3.737		.068	1	.056	3.769	1	.061		.198		29180	14350
KM-368	3.687	3.799	1	.068	1	.056	3.832	+.030	.061		.198		29680	14600
KM-374	3.740	3.852	1	.068	1	.056	3.885	000	.061	1	.198		30100	14800
KM-375	3.750	3.862	1	.068	1	.056	3.894		.061	+.003	.198		30180	14840
KM-381	3.812	3.930	1	.068	1	.059	3.963	1	.061	003	.208		30680	15900
KM-387	3.875	3.993	1	.068	1	.059	4.025	1	.061		.208		31190	16160
KM-393	3.938	4.056	1	.068	1	.059	4.089	1	.061	1	.208		31700	16420
KM-400	4.000	4.124	1	.068	1	.062	4.157	1	.061	1	.218		32200	17530
KM-406	4.063	4.187	1	.068	1	.062	4.222	1	.061	1	.218		32700	17810
KM-412	4.125	4.249	+.006	.068	1	.062	4.284		.061	1	.218		33200	18080
KM-418	4.188	4.311	006	.068	+.005	.062	4.347]	.061]	.218		33710	18350
KM-425	4.250	4.380		.068	000	.065	4.416		.061		.228		34210	19530
KM-431	4.312	4.442		.068		.065	4.479		.061		.228		34710	19810
KM-433	4.330	4.460		.068		.065	4.497		.061		.228	+.004	34850	19900
KM-437	4.375	4.505		.068		.065	4.543		.061		.228	006	35210	20100
KM-443	4.437	4.573		.068		.068	4.611		.061		.238		35710	21330
KM-450	4.500	4.636		.068		.068	4.674		.061		.238		36220	21630
KM-452	4.527	4.663		.068		.068	4.701		.061		.238		36440	21760
KM-456	4.562	4.698		.068		.068	4.737	+.035	.061		.238		36720	21930
KM-462	4.625	4.765		.079		.070	4.803	000	.072		.250		43940	22890
KM-468	4.687	4.827		.079		.070	4.867		.072		.250		44530	23190
KM-472	4.724	4.864		.079	4	.070	4.903		.072		.250		44880	23370
KM-475 KM-481	4.750 4.812	4.890 4.952		.079 .079	-	.070	4.930 4.993		.072 .072		.250 .250		45130	23500
KM-481 KM-487	4.812	4.952		.079	-	.070	4.993		.072		.250		45720 46310	23810 24120
KM-407	4.075	5.061		.079	-	.070	5.102		.072		.250		46750	24120
KM-492 KM-493	4.921	5.081		.079	1	.070	5.122		.072	+.004	.250		46750	24350
KM-493	5.000	5.144		.079	1	.072	5.122		.072	004	.250		40900	25450
KM-500 KM-511	5.118	5.262		.079	1	.072	5.304		.072	004	.250		47500	26050
KM-511	5.125	5.269		.079	1	.072	5.311		.072		.250		48690	26100
KM-512	5.250	5.393		.079	1	.072	5.436		.072		.250		49880	26720
KM-525	5.375	5.522		.079	1	.072	5.566		.072		.250		51060	28120
KM-557	5.500	5.647	+.007	.079	1	.074	5.693	+.045	.072		.250		52250	28770
KM-551	5.511	5.658	007	.079	1	.074	5.703	000	.072		.250		52360	28830
KM-562	5.625	5.772		.079	1	.074	5.818		.072	1	.250		53440	29400
KM-570	5.708	5.861		.079	1	.077	5.909		.072	1	.250		54230	31070
KM-575	5.750	5.903	1	.079	1	.077	5.950	1	.072	1	.250		54630	31300

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Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

W

Dh Dg

d

RING	HOUSING		G	ROOVE SIZ	E				THRUST LOAD (lbs.)					
NO.	DIAMETER	DIAM	ETER	WIDTH (REE	RING S THICKI	THICKNESS SECT			RING	GROOVE
							DIAMETER						Safety	Safety
	(In.)												factor of	factor of
	Dh	Dg	Tol.	W	Tol.	d	Df	Tol.	T	Tol.	S	Tol.	3	2
KM-587	5.875	6.028	+.007	.079	+.005	.077	6.077		.072		.250	+.004	55810	31980
KM-590	5.905	6.058	007	.079	000	.077	6.106	+.045	.072		.250	006	56100	32140
KM-600	6.000	6.153		.079		.077	6.202	000	.072		.250		57000	32660
KM-612	6.125	6.297		.094		.086	6.349		.086		.312		69500	37200
KM-625	6.250	6.422		.094		.086	6.474		.086		.312		70920	37990
KM-629	6.299	6.471		.094		.086	6.524		.086		.312		71480	38290
KM-637	6.375	6.547		.094		.086	6.601		.086		.312		72340	38750
KM-650	6.500	6.672		.094		.086	6.726		.086		.312		73760	39510
KM-662	6.625	6.807		.094		.091	6.863	+.055	.086		.312		75180	42620
KM-669	6.692	6.874		.094		.091	6.931	000	.086		.312		75940	43050
KM-675	6.750	6.932		.094		.091	6.987		.086		.312		76600	43420
KM-687 KM-700	6.875 7.000	7.057 7.182		.094		.091	7.114 7.239		.086 .086		.312 .312		78010 79430	44220 45030
											.312			
KM-708 KM-712	7.086 7.125	7.278 7.317	-	.094		.096	7.337 7.376		.086		.312		80410 80850	48080 48350
KM-725	7.125	7.442		.094		.096	7.501		.086		.312		80850	48350
KIVI-725 KM-737	7.250	7.442		.094		.096	7.628		.086		.312		82270	49200
KM-748	7.480	7.672		.094		.096	7.734		.000		.312	+.004	84880	50760
KM-750	7.480	7.692	+.008	.094	+.006	.096	7.754		.086		.312	+.004	85110	50890
KM-762	7.625	7.827	008	.094	000	.101	7.890		.086		.312	000	86520	50690
KM-702	7.750	7.952	000	.094	000	.101	8.014		.086	+.004	.312		87940	55330
KM-787	7.875	8.077		.094		.101	8.131		.086	004	.312		89360	63360
KM-800	8.000	8.202		.094		.101	8.266		.086	004	.312		90780	57110
KM-825	8.250	8.462		.094		.106	8.528		.086		.375		93620	61820
KM-826	8.267	8.479		.094		.106	8.546		.086		.375		93810	61940
KM-846	8.464	8.676	1	.094		.106	8.744	+.065	.086		.375		96050	63420
KM-850	8.500	8.712	1	.094	1	.106	8.780	000	.086		.375		96450	63690
KM-875	8.750	8.972	1	.094		.111	9.041		.086		.375		99290	68650
KM-885	8.858	9.080	1	.094	1	.111	9.151		.086		.375		100520	69500
KM-900	9.000	9.222	1	.094	1	.111	9.293		.086		.375		102130	70620
KM-905	9.055	9.287	1	.094	1	.116	9.359		.086		.375		102750	74250
KM-925	9.250	9.482	1	.094	1	.116	9.555		.086		.375		104960	75850
KM-944	9.448	9.680	1	.094	1	.116	9.755		.086		.375		107210	77470
KM-950	9.500	9.732	1	.094		.116	9.806		.086		.375		107800	77900
KM-975	9.750	9.992]	.094		.121	10.068		.086		.375		110640	83390
KM-1000	10.000	10.242	1	.094		.121	10.320		.086		.375		113470	85530
KM-1025	10.250	10.502		.094		.126	10.582		.086		.375		116310	91290
KM-1050	10.500	10.752		.094		.126	10.834		.086		.375		119150	93520
KM-1075	10.750	11.012		.094		.131	11.095		.086		.375		121990	99540
KM-1100	11.000	11.262		.094		.131	11.347		.086		.375		124820	101860