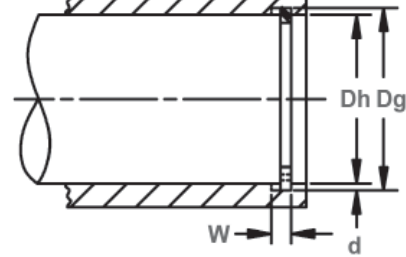
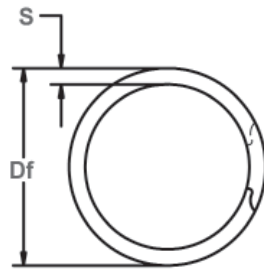




MKM Spiral Housing Rings

Internal, Medium Duty, Metric

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

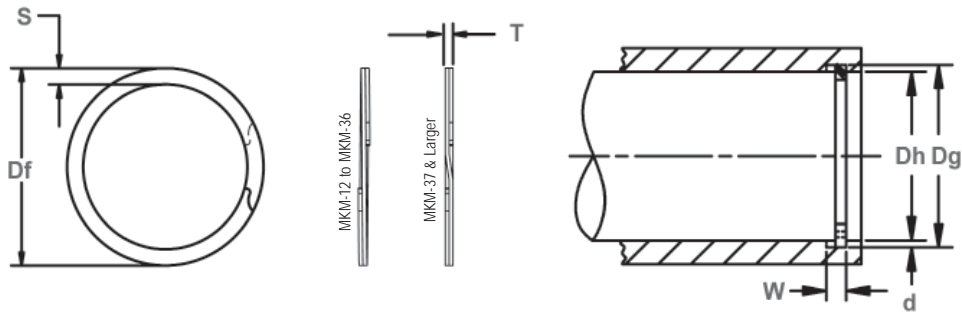


Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

RING NO.	HOUSING DIAMETER (mm)	GROOVE SIZE				RING SIZE			THRUST LOAD (N)				
		DIAMETER		WIDTH		FREE DIAMETER		THICKNESS		SECTION			
		Dh	Dg	Tol.	W	Tol.	Df	Tol.	T	Tol.	S	Tol.	RING Safety factor of 3
MKM-12	12	12.66	+0.00 -0.10	0.75	+0.08 -0.00	12.78	+0.33 -0.00	0.64	+0.05 -0.05	1.14	+0.08 -0.13	8484	1591
MKM-13	13	13.72		0.75		13.84		0.64		1.14		9191	2008
MKM-14	14	14.72		0.75		14.85		0.64		1.14		9898	2311
MKM-15	15	15.72		0.75		15.85		0.64		1.14		10605	2621
MKM-16	16	16.72		0.75		16.85		0.64		1.14		11312	2953
MKM-17	17	17.72		0.75		17.85		0.64		1.14		12091	3308
MKM-18	18	18.72	0.75	18.85		0.64	1.14	12726		3685			
MKM-19	19	19.86	0.91	20.00		0.80	1.65	15145		3627			
MKM-20	20	20.86	0.91	21.10		0.80	1.65	15942		4196			
MKM-21	21	21.86	0.91	22.04		0.80	1.65	16739		4444			
MKM-22	22	23.00	0.91	23.18		0.80	1.65	17536		5657			
MKM-23	23	24.00	0.91	24.19		0.80	1.65	18333		6166			
MKM-24	24	25.00	0.91	25.20		0.80	1.65	19131		6697			
MKM-25	25	26.26	1.07	26.45		0.94	1.90	23415		7653			
MKM-26	26	27.26	1.07	27.50		0.94	1.90	24352		8376			
MKM-28	28	29.26	1.07	29.50		0.94	1.90	26225		9596			
MKM-29	29	30.26	1.07	30.50		0.94	1.90	27161		10242			
MKM-30	30	31.32	1.22	31.55		1.10	2.16	32881		9817			
MKM-32	32	33.32	1.22	33.57	1.10	2.16	35073	11131					
MKM-33	33	34.32	1.22	34.57	1.10	2.16	36169	11789					
MKM-34	34	35.32	1.22	35.57	1.10	2.16	37265	12469					
MKM-35	35	36.42	1.22	36.70	1.10	2.40	38361	14414					
MKM-36	36	37.42	1.22	37.70	1.10	2.40	39457	15194					
MKM-37	37	38.42	1.22	38.70	1.10	2.40	40553	15997					
MKM-38	38	39.42	1.22	39.70	1.10	2.40	41649	16824					
MKM-39	39	40.60	1.42	40.90	1.25	2.75	44350	16130					
MKM-40	40	41.60	1.42	41.90	1.25	2.75	45487	16904					
MKM-41	41	42.60	1.42	42.92	1.25	2.75	46624	17780					
MKM-42	42	43.60	1.42	43.93	1.25	2.75	47761	18636					
MKM-43	43	44.72	1.42	45.00	1.25	3.00	48899	20883					
MKM-44	44	45.72	1.42	46.02	1.25	3.00	50036	21903					
MKM-45	45	46.72	1.42	47.08	1.25	3.00	51173	23143					
MKM-47	47	48.80	1.42	49.18	1.25	3.00	53447	26412					
MKM-48	48	49.80	1.42	50.18	1.25	3.00	54584	27474					
MKM-50	50	51.92	1.42	52.30	1.25	3.25	56859	31907					
MKM-52	52	53.92	1.42	54.30	1.25	3.25	59133	34360					
MKM-53	53	54.92	1.42	55.32	1.25	3.25	60270	35132					
MKM-55	55	57.00	1.42	57.38	1.25	3.50	62545	37976					
MKM-56	56	58.00	1.42	58.40	1.25	3.50	63682	38667					
MKM-58	58	60.00	1.42	60.43	1.25	3.50	65956	40048					
MKM-59	59	61.08	1.42	61.54	1.25	3.50	67093	42368					
MKM-60	60	62.14	1.42	62.57	1.25	3.50	68231	44329					
MKM-61	61	63.24	1.42	63.65	1.25	3.76	69368	47174					
MKM-62	62	64.24	1.42	64.70	1.25	3.76	70505	47947					
MKM-63	63	65.24	1.42	65.70	1.25	3.76	71642	48720					
MKM-64	64	66.34	1.42	66.77	1.25	3.76	72779	51703					
MKM-65	65	67.34	1.42	67.82	1.25	3.76	73916	52511					
MKM-66	66	68.34	1.42	68.80	1.25	3.76	75054	53319					





Free Diameter & Ring Measurements

Housing Diameter & Groove Dimensions

RING NO.	HOUSING DIAMETER (mm)	GROOVE SIZE				RING SIZE				THRUST LOAD (N)			
		DIAMETER		WIDTH		FREE DIAMETER		THICKNESS		SECTION		RING Safety factor of 3	GROOVE Safety factor of 2
		Dh	Dg	Tol.	W	Tol.	Df	Tol.	T	Tol.	S		
MKM-67	67	69.40		1.42		69.90		1.25		3.76		76191	55515
MKM-68	68	70.44		1.42		70.94		1.25		4.01	+0.08	77328	57282
MKM-69	69	71.44		1.42	+0.10	71.94	+0.63	1.25		4.01	-0.13	78465	58125
MKM-70	70	72.44		1.42	-0.00	72.94	-0.00	1.25		4.01		79602	58967
MKM-71	71	73.44		1.42		73.99		1.25		4.01		80740	59809
MKM-72	72	74.54		1.42		75.04		1.25		4.27		81877	63137
MKM-75	75	77.54		1.42		78.07		1.25		4.27		85288	65768
MKM-78	78	80.60		1.73		81.21		1.55		4.27		109988	70015
MKM-80	80	82.64		1.73		83.22		1.55		4.52		112808	72915
MKM-82	82	84.70		1.73		85.28		1.55	+0.08	4.52	-0.08	115628	76436
MKM-85	85	87.80	+0.00	1.73		88.38		1.55	-0.08	4.78		119858	82167
MKM-88	88	90.84	-0.30	1.73		91.45	+0.76	1.55		4.78		124089	86282
MKM-90	90	92.94		1.73		93.58	-0.00	1.55		5.03		126909	91350
MKM-92	92	95.00		1.73		95.66		1.55		5.03		129729	95286
MKM-95	95	98.00		1.73		98.69		1.55		5.03		133959	98393
MKM-98	98	101.14		1.73		101.83		1.55		5.28		138190	106237
MKM-100	100	103.14		1.73		103.83		1.55		5.28		141010	108405
MKM-102	102	105.30		1.73		106.00		1.55		5.54	+0.10	143830	116208
MKM-105	105	108.30		1.73	+0.13	109.00		1.55		5.54	-0.15	148060	119626
MKM-108	108	111.46		1.73	-0.00	112.22		1.55		5.80		152291	129009
MKM-110	110	113.46		1.73		114.25		1.55		5.80		155111	131398
MKM-112	112	115.60		1.73		116.44	+0.90	1.55		6.05		157931	139201
MKM-115	115	118.60		1.73		119.44	-0.00	1.55		6.05		162161	142929
MKM-120	120	123.70		2.00		124.54		1.83		6.35		199779	153286
MKM-125	125	128.70		2.00		129.59		1.83		6.35		208103	159673
MKM-130	130	133.80		2.00		134.71		1.83		6.35		216427	170548
MKM-135	135	138.80		2.00		139.74		1.83		6.35		224752	177108
MKM-140	140	143.90	+0.00	2.00		144.87	+1.14	1.83		6.35		233076	188501
MKM-145	145	149.00	-0.35	2.00		150.04	-0.00	1.83		6.35		241400	200239
MKM-150	150	154.00		2.00		155.07		1.83		6.35		249724	207144
MKM-155	155	159.60		2.40		160.72		2.18		7.92		307401	246156
MKM-160	160	164.60		2.40		165.74		2.18		7.92		317318	254096
MKM-165	165	169.60		2.40		170.77	+1.40	2.18	+0.10	7.92	-0.10	327234	262037
MKM-170	170	174.80		2.40		176.05	-0.00	2.18		7.92		337150	281716
MKM-175	175	179.80		2.40		181.05		2.18		7.92		347066	290001
MKM-180	180	185.08		2.40		186.38		2.18		7.92		356982	315687
MKM-185	185	190.08		2.40		191.10		2.18		7.92		366899	324456
MKM-190	190	195.08	+0.00	2.40	+0.15	196.45		2.18		7.92	+0.10	376815	333225
MKM-195	195	200.34	-0.40	2.40	-0.00	201.74		2.18		7.92	-0.20	386731	359498
MKM-200	200	205.34		2.40		206.76		2.18		7.92		396647	368716
MKM-210	210	215.60		2.40		217.10		2.18		9.52		416479	406002
MKM-220	220	225.84		2.40		227.40	+1.65	2.18	-0.00	9.52		436312	443564
MKM-230	230	236.10		2.40		237.73		2.18		9.52		456144	484371
MKM-240	240	246.10		2.40		247.80		2.18		9.52		475976	505431
MKM-250	250	256.36		2.40		258.10		2.18		9.52		495809	548931
MKM-260	260	266.60		2.40		268.43		2.18		9.52		515641	592431
MKM-270	270	276.60		2.40		278.50		2.18		9.52		535474	615217
MKM-280	280	286.86		2.40		288.82		2.18		9.52		555306	663136