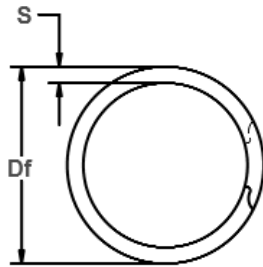


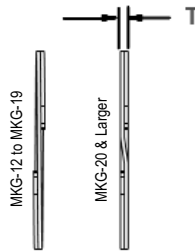
MKG Spiral Housing Rings

Internal, Heavy Duty, Metric

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.

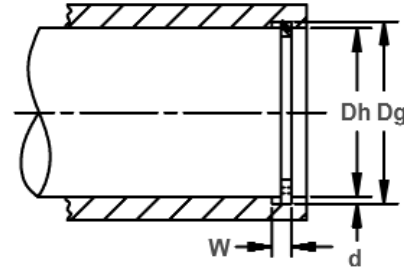
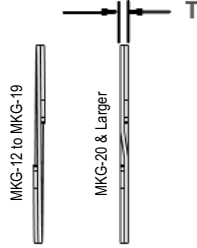
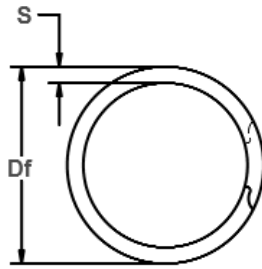


Free Diameter & Ring Measurements



Housing Diameter & Groove Dimensions

RING NO.	HOUSING DIAMETER (mm)	GROOVE SIZE				RING SIZE						THRUST LOAD (N)	
		DIAMETER		WIDTH		FREE DIAMETER		THICKNESS		SECTION		RING Safety factor of 3	GROOVE Safety factor of 2
		Dg	Tol.	W	Tol.	Df	Tol.	T	Tol.	S	Tol.		
MKG-12	12	12.70		0.70		12.89		0.60		1.14		7954	1794
MKG-13	13	13.75		1.00		13.95		0.89		1.14		11528	1421
MKG-14	14	14.85	+0.05	1.00		15.07		0.89		1.40		12415	1925
MKG-15	15	15.90	-0.05	1.00		16.14		0.89		1.40		13302	2318
MKG-16	16	16.95		1.00		17.15		0.89		1.40		14188	2660
MKG-17	17	18.05		1.00		18.32		0.89		1.65		15075	3507
MKG-18	18	19.10		1.00		19.39		0.89		1.65		15962	4089
MKG-19	19	20.17		1.00	+0.08	20.48		0.89		1.65		16849	4817
MKG-20	20	21.22		1.00	-0.00	21.51		0.89		1.90		17736	5556
MKG-21	21	22.26		1.00		22.56		0.89	+0.05	1.90		18622	6286
MKG-22	22	23.37		1.20		23.65		1.07	-0.05	1.90		23455	6200
MKG-23	23	24.42	+0.08	1.20		24.69		1.07		2.16		24521	7040
MKG-24	24	25.47	-0.08	1.20		25.73		1.07		2.16		25587	7819
MKG-25	25	26.67		1.20		27.03		1.07		2.16		26653	9992
MKG-26	26	27.77		1.20		28.07	+0.35	1.07		2.16	+0.08	27719	11102
MKG-27	27	28.87		1.40		29.11	-0.00	1.27		2.62	-0.13	31195	9571
MKG-28	28	29.87		1.40		30.10		1.27		2.62		32350	10153
MKG-29	29	30.95		1.40		31.21		1.27		2.62		33506	11428
MKG-30	30	32.00		1.40		32.28		1.27		2.62		34661	12552
MKG-31	31	33.05		1.40		33.32		1.27		2.62		35817	13599
MKG-32	32	34.00		1.40		34.23		1.27		2.62		36972	13830
MKG-34	34	36.20		1.40		36.46		1.27		3.00		39283	17447
MKG-35	35	37.30		1.40		37.55		1.27		3.00		40438	19195
MKG-36	36	38.40	+0.10	1.40	+0.10	38.68		1.27		3.00		41593	21326
MKG-37	37	39.40	-0.10	1.40	-0.00	39.60		1.27		3.00		42749	21876
MKG-38	38	40.50		1.40		40.77		1.27		3.00		43904	24484
MKG-40	40	42.50		1.75		42.91		1.57		3.25		57132	22319
MKG-42	42	44.60		1.75		45.01		1.57		3.25		59988	25347
MKG-45	45	47.70		1.75		48.13		1.57		3.25		64273	29964
MKG-46	46	48.80		1.75		49.28		1.57		3.25		65701	32717
MKG-47	47	49.90		1.75		50.32		1.57		4.01		67130	35606
MKG-48	48	51.00		1.75		51.46		1.57	+0.08	4.01		68558	38663
MKG-50	50	53.20		1.75		53.66		1.57	-0.08	4.01		71415	44490
MKG-52	52	55.45		2.15		55.91		1.98		4.27		93667	40681
MKG-55	55	58.55		2.15		59.28		1.98		4.27		99071	48699
MKG-57	57	60.65	+0.15	2.15	+0.20	60.93	+0.65	1.98		4.27	+0.10	102673	49284
MKG-58	58	61.75	-0.15	2.15	-0.00	62.66	-0.00	1.98		5.08	-0.15	104475	91487
MKG-60	60	63.95		2.15		64.39		1.98		5.08		108077	99943
MKG-62	62	65.95		2.15		66.40		1.98		5.08		111680	109065
MKG-63	63	67.05		2.15		67.74		1.98		5.08		113481	121272



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
		Dg	Tol.	W	Tol.	Df	Tol.	T	Tol.	S	Tol.		
MKG-65	65	69.15		2.55		69.63		2.29		5.72		128967	62641
MKG-68	68	72.35		2.55		72.86	+0.75	2.29		5.72		134919	71755
MKG-70	70	74.55		2.55		75.06	-0.00	2.29		5.72		138887	79264
MKG-72	72	76.65		2.55		77.18		2.29		5.72		142855	85617
MKG-75	75	79.85		2.55		80.40		2.29		5.72		148808	96681
MKG-78	78	82.95		2.95		83.53		2.72		7.14		183820	91487
MKG-80	80	85.15		2.95		85.74		2.72		7.14		188533	99943
MKG-82	82	87.35	+0.15	2.95		87.96		2.72		7.14		193246	109065
MKG-85	85	90.55	-0.15	2.95		91.18		2.72		7.14		200316	121272
MKG-88	88	93.75		2.95		94.41		2.72		7.14		207386	134554
MKG-90	90	95.85		2.95	+0.20	96.51		2.72	+0.08	7.14		212100	142716
MKG-92	92	97.95		2.95	-0.00	98.64		2.72	-0.08	7.14		216813	151766
MKG-95	95	101.15		2.95		101.86	+0.90	2.72		7.92		223883	168598
MKG-98	98	104.35		2.95		105.09	-0.00	2.72		7.92		230953	185160
MKG-100	100	106.50		2.95		107.29		2.72		7.92		235666	197997
MKG-102	102	108.60		2.95		109.42		2.72		7.92		240380	209267
MKG-105	105	111.70		2.95		112.52		2.72		7.92		247450	224146
MKG-108	108	114.80		2.95		115.64		2.72		7.92		254520	240221
MKG-110	110	116.90		2.95		117.77		2.72		7.92		259233	253044
MKG-115	115	122.10		2.95		123.00		2.72		7.92		271016	281888
MKG-120	120	127.20	+0.20	2.95	-0.20	128.14		2.72		7.92		282799	298287
MKG-125	125	132.30	-0.20	2.95		133.28		2.72		7.92		294583	315031
MKG-130	130	137.40		2.95		138.40		2.72		7.92		306366	332121
MKG-135	135	142.50		3.40		143.53		3.12		8.89	+0.10	364936	349555
MKG-140	140	146.70		3.40		148.64	+1.25	3.12	+0.10	8.89	-0.20	378452	367335
MKG-145	145	152.70		3.40		153.79	-0.00	3.12	-0.10	8.89		391968	385460
MKG-150	150	157.80		3.40		158.93		3.12		8.89		405485	403930
MKG-155	155	162.90		3.40		164.05		3.12		8.89		419001	422746
MKG-160	160	168.00		4.25		169.18		3.78		9.65		524011	429949
MKG-165	165	173.15		4.25		174.42	+1.40	3.78		9.65		540386	464261
MKG-170	170	178.25		4.25		179.55	-0.00	3.78		9.65		556761	484199
MKG-175	175	183.45		4.25	+0.25	184.78		3.78		9.65		573137	510523
MKG-180	180	188.65		4.25	-0.00	190.01		3.78		9.65		589512	537538
MKG-185	185	193.85		5.10		195.25		4.55	+0.13	10.62		729309	530579
MKG-190	190	199.05	+0.25	5.10		200.50		4.55	-0.13	10.62		749020	572409
MKG-200	200	209.25	-0.25	5.10		210.76		4.55		10.62		788442	638693
MKG-210	210	219.65		5.10		221.22	+1.80	4.55		10.62		827864	699628
MKG-220	220	230.25		5.10		231.91	-0.00	4.55		10.62		867286	778515
MKG-230	230	240.85		5.10		242.59		4.55		10.62		906709	861546
MKG-240	240	251.25		5.10		253.06		4.55		10.62		946131	932147
MKG-250	250	261.65		5.10		263.12		4.55		10.62		985553	1005511