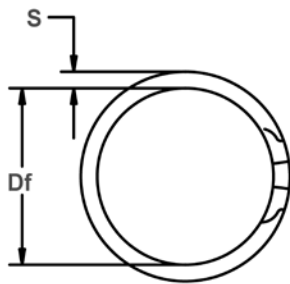


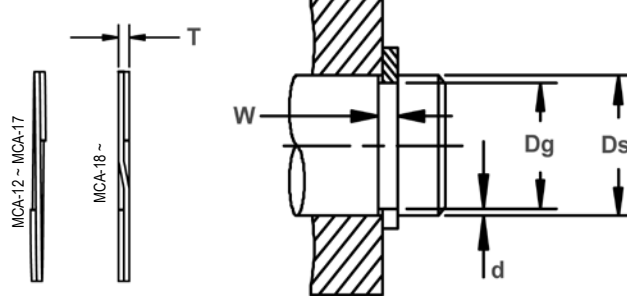


# MCA 軸用スパイラルリング

軸用 宇宙航空産業用  
(メートル)  
宇宙航空産業用スペック  
MA 4016に適合。



自由径 & 止め輪寸法

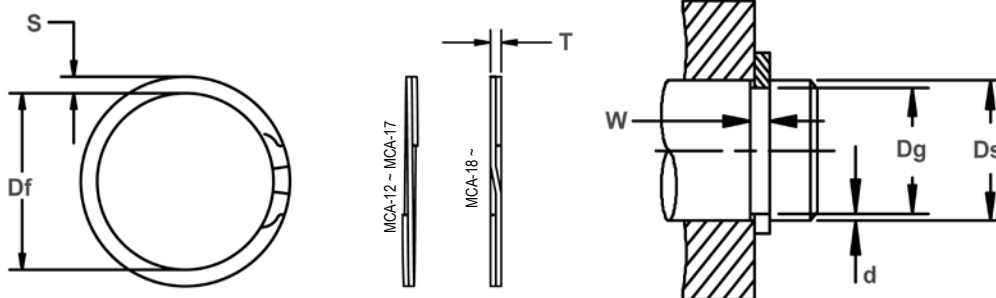


軸径 & 溝寸法

止め輪 番号	軸径 (mm)	溝寸法				止め輪寸法						荷重 (N)				
		溝径		溝巾		自由径		板厚		板幅		止め輪 安全率 (=3)	溝 安全率 (=2)			
		Ds	Dg	公差	W	公差	Df	公差	T	公差	S			公差		
MCA-12	12	11.29	±0.06	0.70		11.18		0.60		1.14		7,950	2,100			
MCA-13	13	12.24		1.00		12.13		0.89		1.27		12,100	2,410			
MCA-14	14	13.19		1.00		13.06		0.89		1.27		13,040	2,800			
MCA-15	15	14.09	±0.075	1.00		13.98		0.89		1.27		13,970	3,360			
MCA-16	16	15.02		1.00		14.90		0.89		1.40		14,900	3,820			
MCA-17	17	16.02		1.00		15.82		0.89		1.40		15,830	4,060			
MCA-18	18	16.92		1.20		+0.08		16.80		1.07		1.65	20,150	4,730		
MCA-19	19	17.87		1.20		-0.00		17.73		1.07		1.65	21,270	5,270		
MCA-20	20	18.77		1.20				18.62		1.07		1.65	22,390	6,040		
MCA-21	21	19.72	±0.10	1.20		19.57		1.07	±0.05	1.65		23,510	6,550			
MCA-22	22	20.62		1.20		20.45		+0.00		1.07		1.91	24,630	7,390		
MCA-23	23	21.57		1.20		21.39		-0.33		1.07		1.91	25,750	8,070		
MCA-24	24	22.52		1.20		22.35				1.07		1.91	26,870	8,650		
MCA-25	25	23.42		1.20		23.25				1.07		2.16	27,990	9,620		
MCA-26	26	24.42		1.20		24.21				1.07		2.16	29,110	10,000		
MCA-27	27	25.35		1.40		25.04				1.27		2.64	31,170	10,910		
MCA-28	28	26.30		1.40		26.00				1.27		2.64	32,330	11,590		
MCA-29	29	27.27		1.40		26.95				1.27		2.64	33,480	12,290		
MCA-30	30	28.25		1.40		27.92				1.27		2.64	34,640	12,860		
MCA-31	31	29.17	±0.15	1.40		28.84		1.27		2.64	±0.10	35,790	13,890			
MCA-32	32	30.09		1.40		29.77		1.27		2.64		36,950	14,960			
MCA-34	34	31.90		1.40		31.54		1.27		3.00		39,260	17,390			
MCA-35	35	32.80		1.40		32.44		1.27		3.00		40,410	18,750			
MCA-36	36	33.75		1.40		33.40		1.27		3.00		41,560	19,810			
MCA-37	37	34.67		1.40		34.24		1.27		3.00		42,720	21,080			
MCA-38	38	35.66		1.40		35.18		1.27		3.00		43,870	21,650			
MCA-40	40	37.55		1.75		37.15		+0.10		1.57		±0.075	3.25		57,090	23,960
MCA-42	42	39.45		1.75		39.02				1.57			3.25		59,990	26,180
MCA-45	45	42.25		1.75		41.77				-0.00			1.57		64,230	30,240
MCA-46	46	43.15	1.75	42.67	+0.00	1.57	65,660		32,040							
MCA-47	47	44.31	1.75	43.81	-0.51	1.57	67,080		30,900							
MCA-48	48	45.05	1.75	44.48		1.57	68,510		34,600							
MCA-50	50	47.05	±0.15	1.75		46.69		1.57		4.01		71,370	36,040			
MCA-52	52	50.15		1.42		49.62		+0.00		1.25		59,090	23,550			
MCA-53	53	51.15		1.42		50.62		-0.51		1.25		60,230	24,000			
MCA-54	54	52.15		1.42		51.62				1.25		61,370	24,460			
MCA-55	55	53.15		1.42		52.62				1.25		62,500	24,910			
MCA-56	56	54.15		1.42		53.62				1.25		63,640	25,370			
MCA-58	58	56.01		1.42		55.43		+0.00		1.25		65,910	28,250			
MCA-59	59	57.01		1.42		56.43		-0.63		1.25		67,050	28,730			
MCA-60	60	58.01		1.42		57.43				1.25		68,180	29,220			
MCA-61	61	58.91		1.42		58.36				1.25		69,320	31,190			
MCA-62	62	59.91	1.42	59.30		1.25	70,460	31,710								
MCA-63	63	60.91	1.42	60.30		1.25	71,590	32,220								
MCA-64	64	61.91	1.42	61.25		1.25	72,730	32,730								

単位: mm





自由径 & 止め輪寸法

軸径 & 溝寸法

止め輪 番号	軸径 (mm)	溝寸法				止め輪寸法						荷重 (N)	
		溝径		溝巾		自由径		板厚		板幅		止め輪 安全率 (=3)	溝 安全率 (=2)
		Ds	Dg	公差	W	公差	Df	公差	T	公差	S	公差	
MCA-65	65	62.81		1.42		62.20		1.25		3.76		73,870	34,820
MCA-66	66	63.79		1.42		63.16	+0.00	1.25		3.76		75,000	35,680
MCA-67	67	64.71		1.42		64.16	-0.63	1.25		3.76		76,140	37,530
MCA-68	68	65.71		1.42	+0.10	65.08		1.25		4.01	±0.10	77,270	38,090
MCA-69	69	66.71		1.42	-0.00	66.06		1.25		4.01		78,410	38,650
MCA-70	70	67.71		1.42		67.08		1.25		4.01		79,550	39,210
MCA-71	71	68.71		1.42		68.04		1.25		4.01		80,680	39,770
MCA-72	72	69.65		1.42		69.00		1.25		4.27		81,820	41,380
MCA-75	75	72.61		1.42		71.93		1.25		4.27		85,230	43,830
MCA-78	78	75.55	±0.15	1.73		74.84	+0.00	1.55	±0.08	4.27		109,910	46,730
MCA-80	80	77.51		1.73		76.80	-0.76	1.55		4.52		112,730	48,700
MCA-82	82	79.45		1.73		78.72		1.55		4.52		115,550	51,120
MCA-85	85	82.35		1.73		81.62		1.55		4.78		119,780	55,060
MCA-88	88	85.31		1.73		84.53		1.55		4.78		124,000	57,860
MCA-90	90	87.21		1.73		86.43		1.55		5.03		126,820	61,370
MCA-95	95	92.15		1.73		91.37		1.55		5.03	±0.13	133,870	66,160
MCA-100	100	97.01		1.73		96.10		1.55		5.28		140,910	73,050
MCA-105	105	101.85		1.73	+0.13	100.94		1.55		5.54		147,960	80,780
MCA-110	110	106.69		1.73	-0.00	105.75		1.55		5.79		155,000	88,930
MCA-115	115	111.55		1.73		110.59	+0.00	1.55		6.05		162,050	96,890
MCA-120	120	116.45		2.00		115.49	-1.00	1.83		6.35		199,640	104,030
MCA-125	125	121.45		2.00		120.44		1.83		6.35		207,960	108,360
MCA-130	130	126.35		2.00		125.34		1.83		6.35		216,280	115,860
MCA-135	135	131.27		2.00		130.20		1.83		6.35		224,600	122,950
MCA-140	140	136.25		2.00		135.14		1.83		6.35		232,920	128,190
MCA-145	145	141.17		2.00		140.00	+0.00	1.83		6.35		241,230	135,590
MCA-150	150	146.17		2.00		145.00	-1.30	1.83		6.35		249,550	140,260
MCA-155	155	150.60		2.40		149.33		2.18		7.92		307,190	166,080
MCA-160	160	155.60		2.40		154.31		2.18		7.92		317,100	171,430
MCA-165	165	160.60		2.40		159.23		2.18		7.92		327,010	176,790
MCA-170	170	165.40		2.40		164.00		2.18		7.92		336,920	190,430
MCA-175	175	170.40		2.40		169.00	+0.00	2.18		7.92		346,830	196,030
MCA-180	180	175.20	±0.175	2.40		173.78	-1.52	2.18	±0.10	7.92		356,740	210,400
MCA-185	185	180.20		2.40		178.70		2.18		7.92		366,650	216,240
MCA-190	190	185.20		2.40		183.70		2.18		7.92	±0.15	376,560	220,080
MCA-195	195	190.00		2.40	+0.15	188.43		2.18		7.92		386,460	237,420
MCA-200	200	195.00		2.40	-0.00	193.43		2.18		7.92		396,370	243,510
MCA-210	210	204.60		2.40		202.93		2.18		9.53		416,190	276,140
MCA-220	220	214.40		2.40		212.65		2.18		9.53		436,010	300,010
MCA-230	230	224.40		2.40		222.60	+0.00	2.18		9.53		455,830	313,640
MCA-240	240	234.20		2.40		232.32	-1.78	2.18		9.53		475,650	328,970
MCA-250	250	243.80		2.40		241.83		2.18		9.53		495,470	377,440
MCA-260	260	253.60		2.40		251.57		2.18		9.53		515,290	405,210
MCA-270	270	263.40		2.40		261.30		2.18		9.53		535,100	433,940
MCA-280	280	273.20		2.40		271.04		2.18		9.53		554,920	463,650

単位: mm