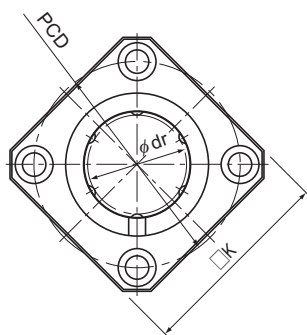


Model LMK



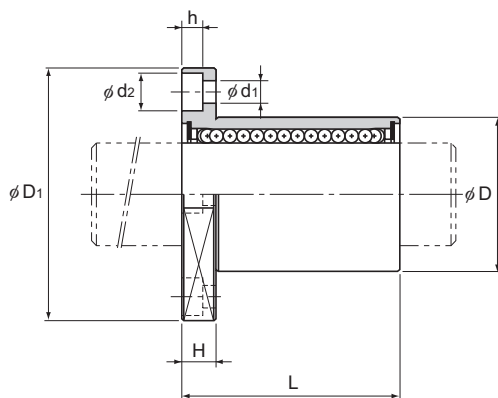
Model LMK

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D_1	Tolerance
LMK 6	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMK 8S	4	8		15		17		32	
LMK 8	4	8		15		24		32	
LMK 10	4	10		19	0 -0.013	29		39	
LMK 12	4	12		21		30		42	
LMK 13	4	13	0 -0.010	23		32		43	
LMK 16	5	16		28	0 -0.016	37		48	
LMK 20	5	20		32		42		54	
LMK 25	6	25		40	0 -0.019	59	0 -0.3	62	
LMK 30	6	30		45		64		74	
LMK 35	6	35	0 -0.012	52		70		82	
LMK 40	6	40		60	0 -0.022	80		96	0 -0.3
LMK 50	6	50		80		100		116	
LMK 60	6	60	0 -0.015	90		110		134	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMK13 UU

└─── Seal attached on both ends of the nut

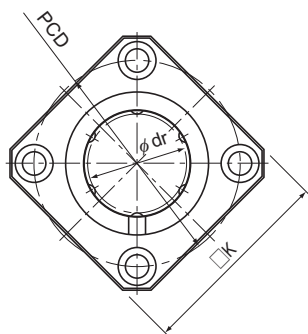


Unit: mm

				Mounting hole	Flange perpendicularity μm	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
								C N	C ₀ N	
	K	H	PCD	d ₁ × d ₂ × h						
	22	5	20	3.4 × 6.5 × 3.3	12	12	-5	206	265	17
	25	5	24	3.4 × 6.5 × 3.3	12	12	-5	176	225	25
	25	5	24	3.4 × 6.5 × 3.3	12	12	-5	265	402	26
	30	6	29	4.5 × 8 × 4.4	12	12	-5	373	549	45
	32	6	32	4.5 × 8 × 4.4	12	12	-5	412	598	50
	34	6	33	4.5 × 8 × 4.4	12	12	-7	510	775	67
	37	6	38	4.5 × 8 × 4.4	12	12	-7	775	1180	105
	42	8	43	5.5 × 9.2 × 5.4	15	15	-9	863	1370	130
	50	8	51	5.5 × 9.2 × 5.4	15	15	-9	980	1570	270
	58	10	60	6.6 × 11 × 6.5	15	15	-9	1570	2750	344
	64	10	67	6.6 × 11 × 6.5	20	20	-13	1670	3140	487
	75	13	78	9 × 14 × 8.6	20	20	-13	2160	4020	790
	92	13	98	9 × 14 × 8.6	20	20	-13	3820	7940	1705
	106	18	112	11 × 17.5 × 10.8	25	25	-13	4710	10000	2278

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Model LMK-M (Stainless Steel Type)



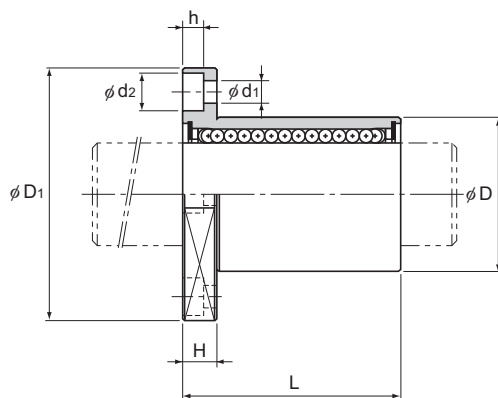
Model LMK-M

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMK 6M	4	6	0 -0.009	12	0 -0.011	19	0 -0.2	28	0 -0.2
LMK 8SM	4	8		15		17		32	
LMK 8M	4	8		15		24		32	
LMK 10M	4	10		19	0 -0.013	29		39	
LMK 12M	4	12		21		30		42	
LMK 13M	4	13	0 -0.010	23		32	0 -0.3	43	
LMK 16M	5	16		28	0 -0.016	37		48	
LMK 20M	5	20		32		42		54	
LMK 25M	6	25		40		59	0 -0.3	62	
LMK 30M	6	30		45		64		74	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMK25M UU

Seal attached on both ends of the nut

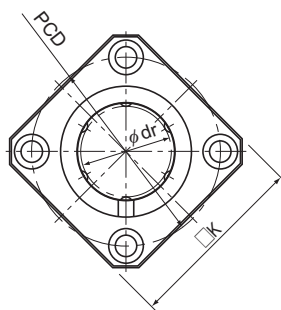


Unit: mm

				Mounting hole	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
					μm	μm	μm	C N	C ₀ N	
	K	H	PCD	$d_1 \times d_2 \times h$						
	22	5	20	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	17
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	25
	25	5	24	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	26
	30	6	29	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	45
	32	6	32	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	50
	34	6	33	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	67
	37	6	38	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	105
	42	8	43	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	130
	50	8	51	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	270
	58	10	60	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	344

Notes: Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
 If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
 For further information, contact THK.

Model LMK-L



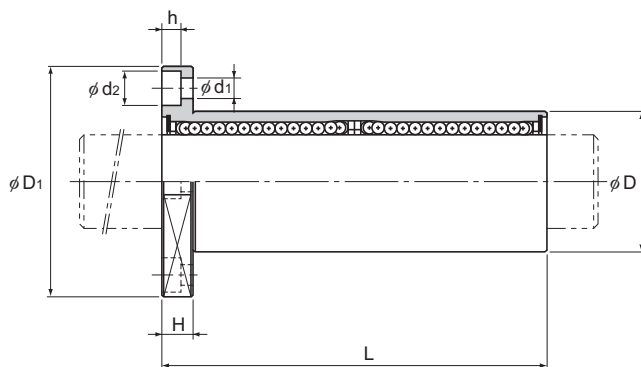
Model LMK-L

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D _f	Tolerance
LMK 6L	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMK 8L	4	8		15	-0.013	45		32	
LMK 10L	4	10		19	0 -0.016	55		39	
LMK 12L	4	12		21		57		42	
LMK 13L	4	13		23		61		43	
LMK 16L	5	16	0 -0.012	28	0 -0.019	70	0 -0.4	48	0 -0.3
LMK 20L	5	20		32		80		54	
LMK 25L	6	25		40		112		62	
LMK 30L	6	30		45	0 -0.022	123		74	
LMK 35L	6	35		52		135		82	
LMK 40L	6	40	0 -0.015	60		154	0 -0.4	96	0 -0.3
LMK 50L	6	50	0 -0.020	80	0 -0.025	192		116	
LMK 60L	6	60		90		211		134	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMK50L UU

└── Seal attached on both ends of the nut

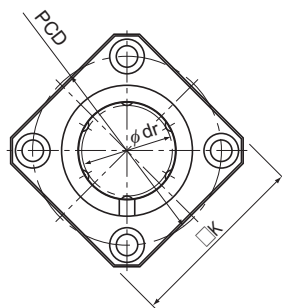


Unit: mm

	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass
					μm	μm	μm	C N	C ₀ N	g
	22	5	20	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	24
	25	5	24	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	39
	30	6	29	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	68
	32	6	32	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	76
	34	6	33	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	100
	37	6	38	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	176
	42	8	43	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	210
	50	8	51	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	466
	58	10	60	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	569
	64	10	67	$6.6 \times 11 \times 6.5$	25	25	-13	2650	6270	825
	75	13	78	$9 \times 14 \times 8.6$	25	25	-13	3430	8040	1321
	92	13	98	$9 \times 14 \times 8.6$	25	25	-13	6080	15900	2952
	106	18	112	$11 \times 17.5 \times 10.8$	25	25	-13	7650	20000	3883

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Model LMK-ML (Stainless Steel Type)



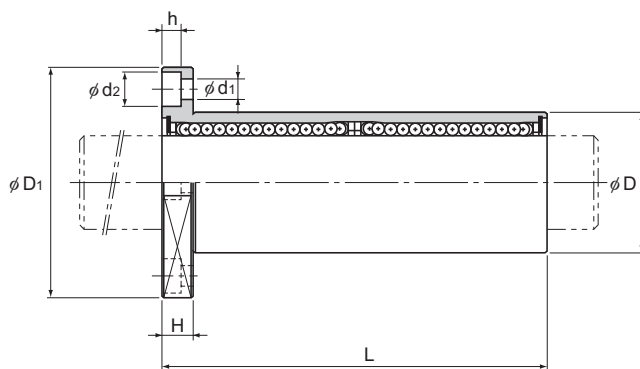
Model LMK-ML

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMK 6ML	4	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMK 8ML	4	8		15	-0.013	45		32	
LMK 10ML	4	10		19	0 -0.016	55		39	
LMK 12ML	4	12		21		57		42	
LMK 13ML	4	13		23		61		43	
LMK 16ML	5	16	0 -0.012	28	0 -0.019	70	0 -0.4	48	
LMK 20ML	5	20		32		80		54	
LMK 25ML	6	25		40		112		62	
LMK 30ML	6	30		45		123		74	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMK8ML UU

└── Seal attached on both ends of the nut

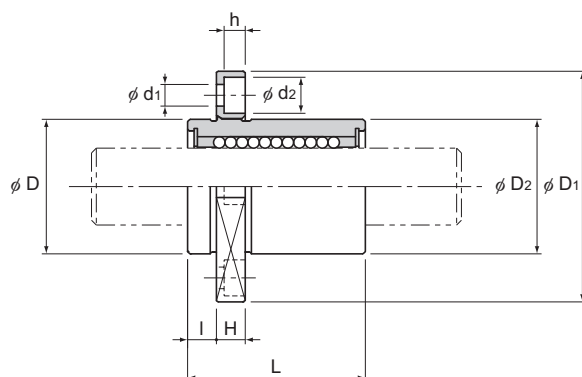


Unit: mm

					Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass
	K	H	PCD	Mounting hole $d_1 \times d_2 \times h$	μm	μm	μm	C N	C ₀ N	
	22	5	20	$3.4 \times 6.5 \times 3.3$	15	15	-5	324	529	24
	25	5	24	$3.4 \times 6.5 \times 3.3$	15	15	-5	431	784	39
	30	6	29	$4.5 \times 8 \times 4.4$	15	15	-5	588	1100	68
	32	6	32	$4.5 \times 8 \times 4.4$	15	15	-5	657	1200	76
	34	6	33	$4.5 \times 8 \times 4.4$	15	15	-7	814	1570	100
	37	6	38	$4.5 \times 8 \times 4.4$	15	15	-7	1230	2350	176
	42	8	43	$5.5 \times 9.2 \times 5.4$	20	20	-9	1400	2750	210
	50	8	51	$5.5 \times 9.2 \times 5.4$	20	20	-9	1560	3140	466
	58	10	60	$6.6 \times 11 \times 6.5$	20	20	-9	2490	5490	569

Notes: Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
 If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
 For further information, contact THK.

Model LMIK



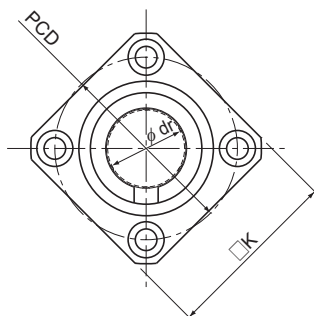
Model LMIK

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		d_r	Tolerance	D	Tolerance	L	Tolerance	D_1	Tolerance
LMIK 6	4	6	0 -0.009	12	0	19	± 0.3	28	0 -0.2
LMIK 8		8		15	-0.011	24		32	
LMIK 10		10		19	0 -0.013	29		39	
LMIK 12		12		21		30		42	
LMIK 13		13		23		32		43	
LMIK 16	5	16	0 -0.010	28	0 -0.016	37	± 0.3	48	0 -0.2
LMIK 20		20		32		42		54	
LMIK 25	6	25	-0.010	40	-0.016	59	± 0.3	62	-0.2

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMIK16 UU

_____ Seal attached on both ends of the nut

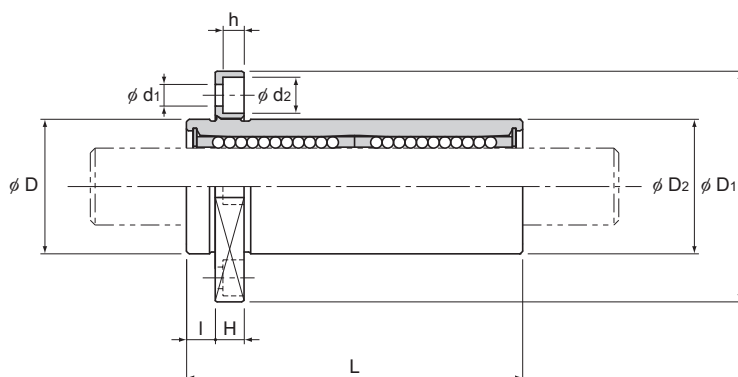


Unit: mm

								Flange	Eccentricity	Radial	Basic Load		
Length		D ₂	H	K	PCD	Mounting hole	perpendicularity	(max)	clearance	Rating	C	C ₀	Mass
	Tolerance						μm	μm	μm	N	N	g	
5	±0.2	12	5	22	20	3.4×6×3.3	12	12	-5	206	265	18	
		15		25	24		12		-5	265	402	27	
6		19	6	30	29	4.5×7.5×4.4	12		-5	373	549	46	
		21		32	32		12		-5	412	598	52	
		23		34	33		12		-7	510	775	65	
		28		37	38		12		-7	775	1180	104	
		8	32	8	42	43	5.5×9×5.4	15	15	-9	863	1370	131
40			50		51	15		-9		980	1570	267	

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Model LMIK-L



Model LMIK-L

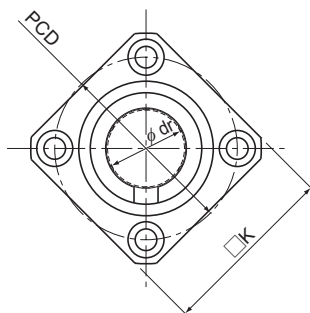
Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMIK 6L	4	6	0 -0.010	12	0	35	± 0.3	28	0 -0.2
LMIK 8L		8		15	-0.013	45		32	
LMIK 10L		10		19	0 -0.016	55		39	
LMIK 12L		12		21		57		42	
LMIK 13L		13		23		61		43	
LMIK 16L	5	16	0 -0.012	28	0 -0.019	70		48	
LMIK 20L		20		32		80		54	
LMIK 25L	6	25		40		112		62	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMIK16L UU

_____ Seal attached on both ends of the nut

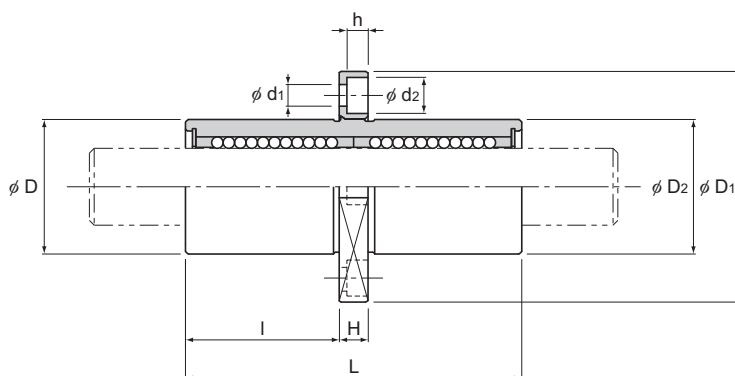


Unit: mm

								Flange	Eccentricity	Radial	Basic Load		
	Length						Mounting hole	perpendicularity	(max)	clearance	Rating		
	I	Tolerance	D ₂	H	K	PCD	d ₁ ×d ₂ ×h	μm	μm	μm	C	C ₀	Mass
	5	±0.2	12	5	22	20	3.4×6×3.3	12	12	-5	324	529	25
			15		25	24		12		-5	431	784	39
	6		19	6	30	29	4.5×7.5×4.4	12		-5	588	1100	69
			21		32	32		12		-5	657	1200	78
			23		34	33		12		-7	814	1570	101
			28		37	38		12		-7	1230	2350	174
	8		32	8	42	43	5.5×9×5.4	15	15	-9	1400	2750	210
		40		50	51		15	-9		1560	3140	461	

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Model LMCK-L



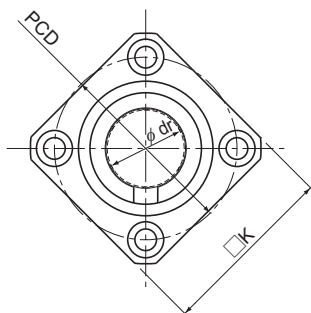
Model LMCK-L

Model No.	Ball rows	Main dimensions							
		Inscribed bore diameter		Outer diameter		Overall length		Flange diameter	
		dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMCK 6L	4	6	0 -0.010	12	0	35	±0.3	28	0 -0.2
LMCK 8L		8		15	-0.013	45		32	
LMCK 10L		10		19	0 -0.016	55		39	
LMCK 12L		12		21		57		42	
LMCK 13L		13		23		61		43	
LMCK 16L	5	16	0 -0.012	28	0 -0.019	70		48	
LMCK 20L		20		32		80		54	
LMCK 25L	6	25		40		112		62	

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMCK16L UU

_____ Seal attached on both ends of the nut



Unit: mm

							Flange	Eccentricity (max)	Radial clearance tolerance	Basic Load Rating		Mass	
	Length					Mounting hole	perpendicularity			C	C ₀		
	l	Tolerance	D ₂	H	K	PCD	d ₁ ×d ₂ ×h	μm	μm	μm	N	N	g
	15	±0.2	12	5	22	20	3.4×6×3.3	12	12	-5	324	529	25
	20		15		25	24		12		-5	431	784	39
	24.5		19	30	29	4.5×7.5×4.4	12	-5		588	1100	69	
	25.5		21	6	32		32	12		-5	657	1200	78
	27.5		23		34		33	12		-7	814	1570	101
	32		28		37		38	12		-7	1230	2350	174
	36		32	8	42	43	5.5×9×5.4	15	15	-9	1400	2750	210
	52		40		50	51		15		-9	1560	3140	461

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.

For further information, contact THK.