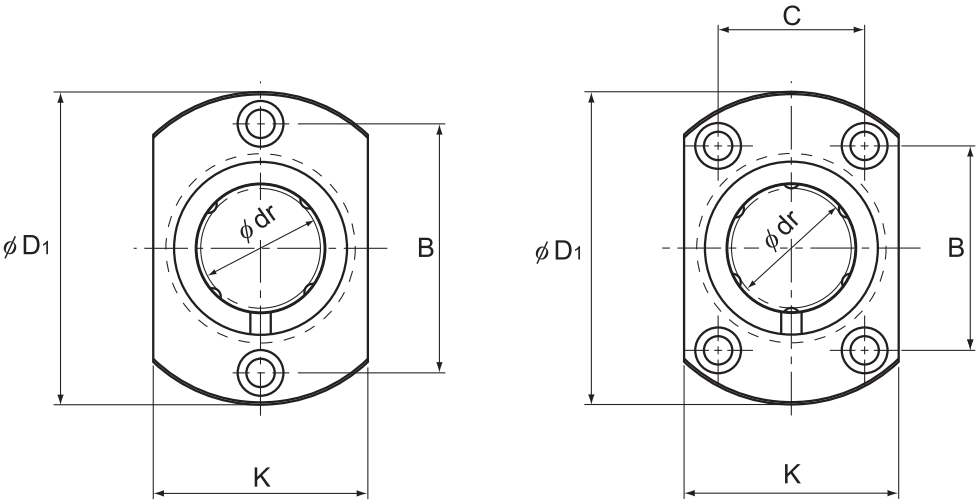


Model LMH



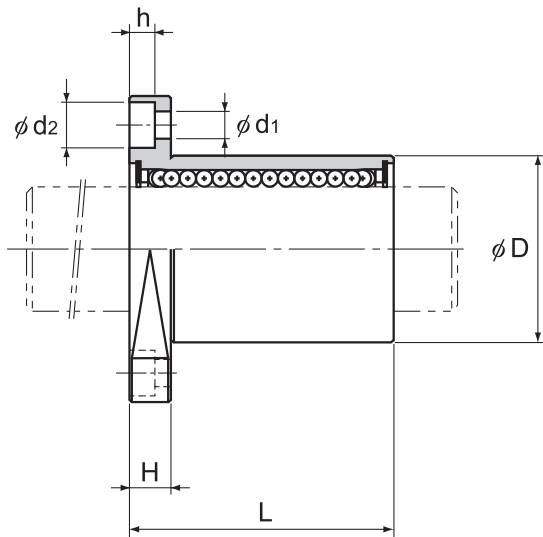
Models LMH6 to 13

Models LMH16 to 30

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

Note) 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) LMH16 UU
 └─── Seal attached on both ends of the nut



Unit: mm

						Flange perpendicularity μm	Eccentricity (max) μm	Radial clearance tolerance μm	Basic load rating		Mass g
	K	H	B	C	Mounting hole d ₁ ×d ₂ ×h				C N	C ₀ N	
	18	5	20	—	3.4×6.5×3.3	12	12	−5	206	265	20
	21	5	24	—	3.4×6.5×3.3	12	12	−5	176	225	24
	21	5	24	—	3.4×6.5×3.3	12	12	−5	265	402	28
	25	6	29	—	4.5×8×4.4	12	12	−5	373	549	50
	27	6	32	—	4.5×8×4.4	12	12	−5	412	598	56
	29	6	33	—	4.5×8×4.4	12	12	−7	510	775	69
	34	6	31	22	4.5×8×4.4	12	12	−7	775	1180	111
	38	8	36	24	5.5×9.2×5.4	15	15	−9	863	1370	140
	46	8	40	32	5.5×9.2×5.4	15	15	−9	980	1570	279
	51	10	49	35	6.6×11×6.5	15	15	−9	1570	2750	351

Note) If an oil hole is required, this can be indicated by appending “OH” to the end of the model number.
For further information, contact THK.

Options⇒A4-119

THK A4-73

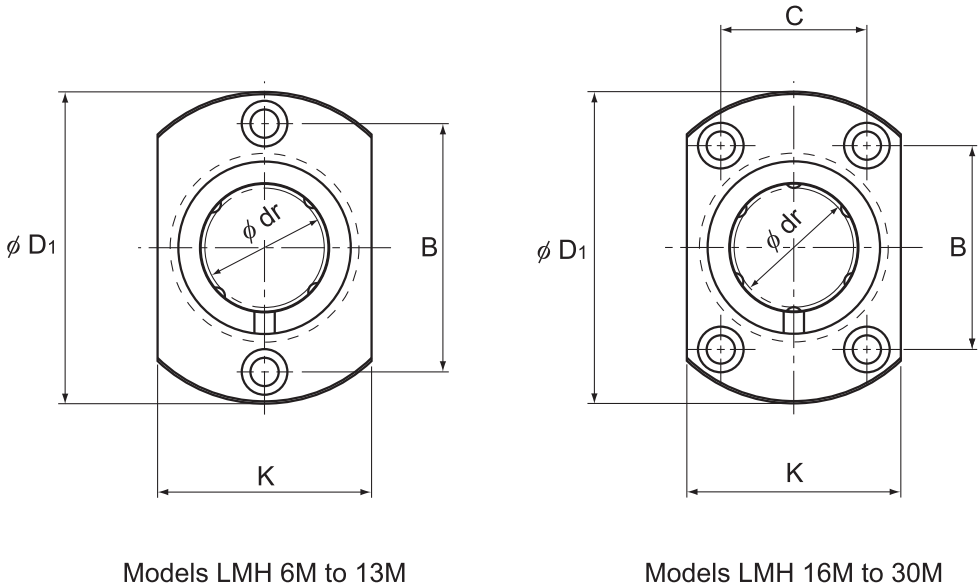


HENNLICH s.r.o.
Košťany nad Turcom 543, 038 41 Košťany nad Turcom

Tel.: 0940 644 565
E-mail: lintech@hennlich.sk

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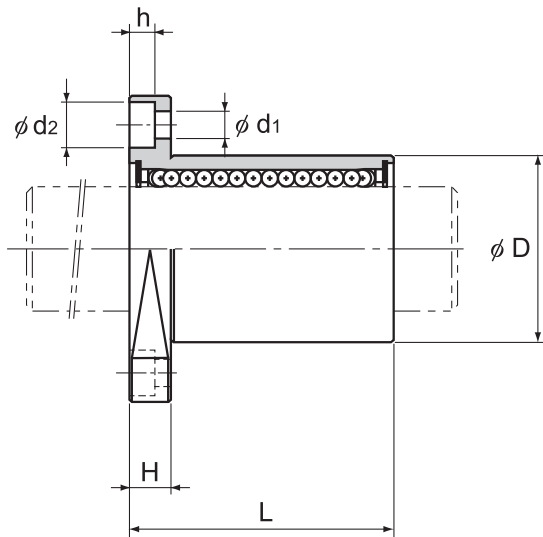
Model LMH-M (Stainless Steel Type)



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

Note) Since this model contains a synthetic resin retainer, do not use it in temperatures exceeding 80°C.
If an equipped seal is required, please specify when placing an order.

(Example) LMH16M UU
_____ Seal attached on both ends of the nut



Unit: mm

						Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass g
	K	H	B	C	Mounting hole $d_1 \times d_2 \times h$	μm	μm	μm	C N	C_0 N	
	18	5	20	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	206	265	20
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	176	225	24
	21	5	24	—	$3.4 \times 6.5 \times 3.3$	12	12	-5	265	402	28
	25	6	29	—	$4.5 \times 8 \times 4.4$	12	12	-5	373	549	50
	27	6	32	—	$4.5 \times 8 \times 4.4$	12	12	-5	412	598	56
	29	6	33	—	$4.5 \times 8 \times 4.4$	12	12	-7	510	775	69
	34	6	31	22	$4.5 \times 8 \times 4.4$	12	12	-7	775	1180	111
	38	8	36	24	$5.5 \times 9.2 \times 5.4$	15	15	-9	863	1370	140
	46	8	40	32	$5.5 \times 9.2 \times 5.4$	15	15	-9	980	1570	279
	51	10	49	35	$6.6 \times 11 \times 6.5$	15	15	-9	1570	2750	351

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
 If oil holes are required, please specify by adding OH to the end of the model number.
 For further information, contact THK.

Options⇒A4-119

THK A4-75

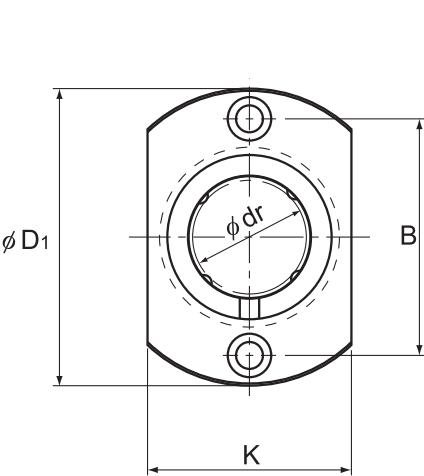


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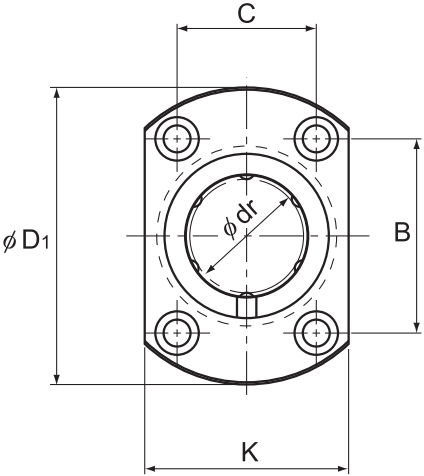
Tel.: 0940 644 565
 E-mail: lintech@hennlich.sk

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Model LMH-L



Models LMH6L to 13L



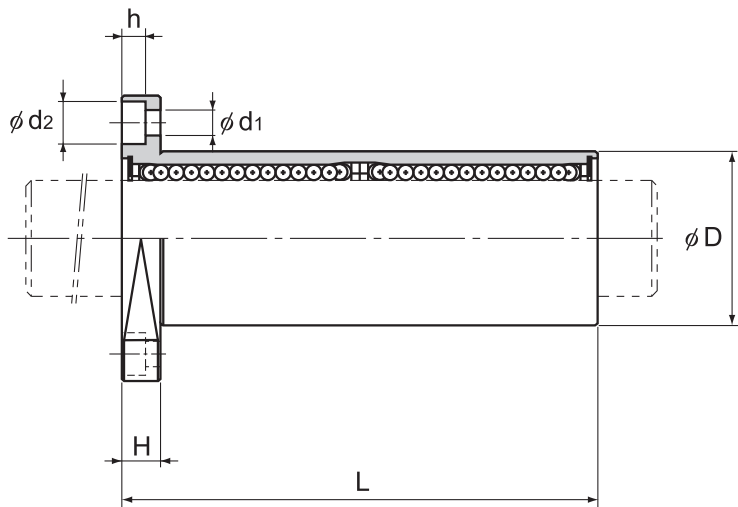
Models LMH16L to 30L

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

Note) 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) LMH20L UU

_____ Seal attached on both ends of the nut



Unit: mm

						Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass
	K	H	B	C	Mounting hole d ₁ ×d ₂ ×h	μm	μm	μm	C N	C ₀ N	g
	18	5	20	—	3.4×6.5×3.3	15	15	−5	324	529	27
	21	5	24	—	3.4×6.5×3.3	15	15	−5	431	784	41
	25	6	29	—	4.5×8×4.4	15	15	−5	588	1100	72
	27	6	32	—	4.5×8×4.4	15	15	−5	657	1200	81
	29	6	33	—	4.5×8×4.4	15	15	−7	814	1570	105
	34	6	31	22	4.5×8×4.4	15	15	−7	1230	2350	182
	38	8	36	24	5.5×9.2×5.4	20	20	−9	1400	2750	217
	46	8	40	32	5.5×9.2×5.4	20	20	−9	1560	3140	477
	51	10	49	35	6.6×11×6.5	20	20	−9	2490	5490	575

Note) If an oil hole is required, this can be indicated by appending “OH” to the end of the model number.
For further information, contact THK.

Options⇒A4-119

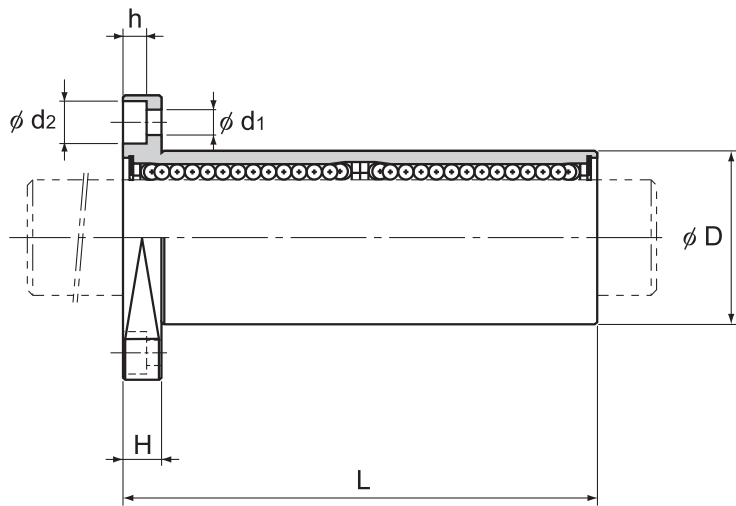
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Košťany nad Turcom 543, 038 41 Košťany nad Turcom

Tel.: 0940 644 565
E-mail: lintech@hennlich.sk

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Unit: mm

						Flange perpendicularity	Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass
	K	H	B	C	Mounting hole d ₁ ×d ₂ ×h				C	C ₀	
						μm	μm	μm	N	N	g
	18	5	20	—	3.4×6.5×3.3	15	15	-5	324	529	27
	21	5	24	—	3.4×6.5×3.3	15	15	-5	431	784	41
	25	6	29	—	4.5×8×4.4	15	15	-5	588	1100	72
	27	6	32	—	4.5×8×4.4	15	15	-5	657	1200	81
	29	6	33	—	4.5×8×4.4	15	15	-7	814	1570	105
	34	6	31	22	4.5×8×4.4	15	15	-7	1230	2350	182
	38	8	36	24	5.5×9.2×5.4	20	20	-9	1400	2750	217
	46	8	40	32	5.5×9.2×5.4	20	20	-9	1560	3140	477
	51	10	49	35	6.6×11×6.5	20	20	-9	2490	5490	575

Note) Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.
If oil holes are required, please specify by adding OH to the end of the model number.
For further information, contact THK.

Options⇒A4-119

THK A4-79



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Košťany nad Turcom 543, 038 41 Košťany nad Turcom

Tel.: 0940 644 565
E-mail: lintech@hennlich.sk

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