

Model LBS15 or larger

Unit: mm

Greasing hole	Spline shaft outer diameter			Basic torque rating		Basic load rating (radial)		Static permissible moment		Mass	
	d_0	D_0	d_5	C_T [N-m]	C_{OT} [N-m]	C [kN]	C_0 [kN]	M_{A1} [N-m]	M_{A2} [N-m]	Spline nut [kg]	Spline shaft [kg/m]
1.2	6	5.3	1.53	2.41	0.637	0.785	2.2	19.4	0.0066	0.22	
1.2	8	7.3	4.07	6.16	1.18	1.42	5.1	39.6	0.0154	0.42	
1.5	10	8.3	7.02	10.4	1.62	1.96	8.1	67.6	0.0367	0.55	
2	—	—	30.4	74.5	4.4	8.4	25.4	185	0.06	1	
2	—	—	74.5	160	7.8	14.9	60.2	408	0.14	1.8	
2	—	—	154	307	13	23.5	118	760	0.25	2.7	
3	—	—	273	538	19.3	33.8	203	1270	0.44	3.8	
3	—	—	599	1140	31.9	53.4	387	2640	1	6.8	
4	—	—	1100	1940	46.6	73	594	4050	1.7	10.6	
4	—	—	2190	3800	66.4	102	895	6530	3.1	21.3	
5	—	—	3620	6360	90.5	141	2000	12600	5.5	32	
5	—	—	5190	12600	126	237	3460	20600	9.5	45	

Note 3: M_{A1} indicates the permissible moment value in the axial direction when one spline nut is used.

M_{A2} indicates the permissible moment value in the axial direction when two spline nuts are used.

(Using a single LBS unit is not stable in accuracy. We recommend using a single LBST unit or two units of model LBS in close contact with each other.)

Note 4: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

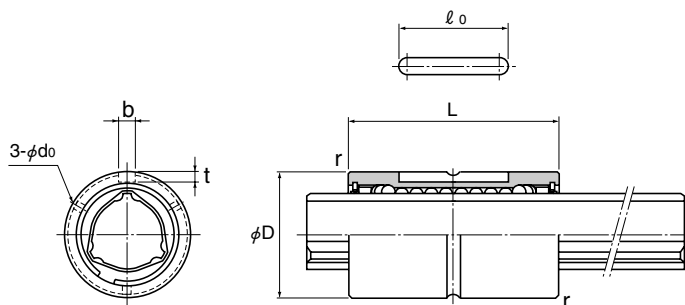
Example of model number coding

2 LBS40 UU CL +1000L P K

Model number	Symbol for clearance in the rotational direction (see page 6)	Accuracy symbol (see page 7)	Symbol for standard hollow spline shaft (no symbol: solid spline shaft)
Number of spline nuts on one shaft (no symbol for one spline nut)	Overall spline shaft length (in mm)		
	Dust prevention accessory symbol No symbol: without seal UU: rubber seal attached on both ends of spline nut U: rubber seal attached on either end of spline nut DD: felt seal attached on both ends of spline nut D: felt seal attached on either end of spline nut		



Model LBST

Dimensional Table for Model LBST – Heavy Load Type



Unit: mm

Model No.	Spline nut dimensions								Greasing hole d ₀
	Outer diameter		Length		Keyway dimensions			r	
	D	Tolerance	L	Tolerance	b H8	t +0.05 0	l ₀		
○ ● LBST 20	30	0 -0.016	60	0 -0.2	4	2.5	26	0.5	2
○ ● LBST 25	37		70		5	3	33	0.5	2
○ ● LBST 30	45	0 -0.019	80	0 -0.3	7	4	41	1	3
○ ● LBST 40	60		100		10	4.5	55	1	3
○ ● LBST 50	75	0 -0.022	112	0 -0.4	15	5	60	1.5	4
○ LBST 60	90		127		18	6	68	1.5	4
○ ● LBST 70	100	0 -0.025	135	0 -0.5	18	6	68	2	4
○ ● LBST 85	120		155		20	7	80	2.5	5
○ ● LBST 100	140	0 -0.029	175	0 -0.5	28	9	93	3	5
○ LBST 120	160		200		28	9	123	3.5	6
○ LBST 150	205		250		32	10	157	3.5	6

Model No.	Basic torque rating		Basic load rating (radial)		Static permissible moment		Mass	
	C _T [N·m]	C _{OT} [N·m]	C [kN]	C ₀ [kN]	 M _{A.1} (See Note 2) [N·m]	 M _{A.2} (See Note 2) [N·m]	Spline nut [kg]	Spline shaft [kg/m]
○ ● LBST 20	90.2	213	9.4	20.1	103	632	0.17	1.8
○ ● LBST 25	176	381	14.9	28.7	171	1060	0.29	2.7
○ ● LBST 30	312	657	22.5	41.4	295	1740	0.5	3.8
○ ● LBST 40	696	1420	37.1	66.9	586	3540	1.1	6.8
○ ● LBST 50	1290	2500	55.1	94.1	941	5610	1.9	10.6
○ LBST 60	1870	3830	66.2	121	1300	8280	3.3	15.6
○ ● LBST 70	3000	6090	90.8	164	2080	11800	3.8	21.3
○ ● LBST 85	4740	9550	119	213	3180	17300	6.1	32
○ ● LBST 100	6460	14400	137	271	4410	25400	10.4	45
○ LBST 120	8380	19400	148	306	5490	32400	12.9	69.5
○ LBST 150	13900	32200	196	405	8060	55400	28	116.6

Note 1: ○: For those models, high-temperature types (metal retainer, service temperature: up to 100°C) are available.
(Example) LBST25 A CM+400L H

- : Symbol for high-temperature type
- : Those models can be attached with a felt seal.
- Ball Splines using metal retainers cannot be attached with a felt seal.

Note 2: M_{A.1} indicates the permissible moment value in the axial direction when one spline nut is used.

M_{A.2} indicates the permissible moment value in the axial direction when two spline nuts are used.

Note 3: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

Example of model number coding

2 LBST50 UU CM +800L H K

Model number
Number of spline nuts on one shaft (no symbol for one spline nut)

Symbol for clearance in the rotational direction (see page 6)

Accuracy symbol (see page 7)

Overall spline shaft length (in mm)

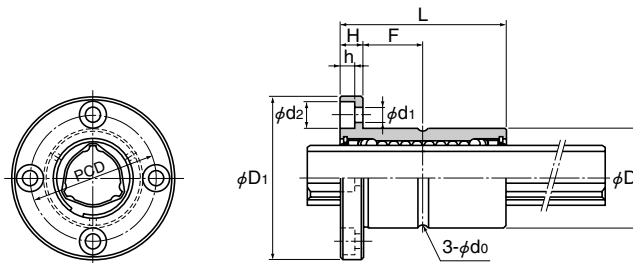
Symbol for standard hollow spline shaft (no symbol: solid spline shaft)

Dust prevention accessory symbol No symbol: without seal UU: rubber seal attached on both ends of spline nut

U: rubber seal attached on either end of spline nut DD: felt seal attached on both ends of spline nut D: felt seal attached on either end of spline nut

Model LBF

Dimensional Table for Model LBF – Medium Load Type



Unit: mm

Model No.	Spline nut dimensions									
	Outer diameter		Length		Flange diameter		H	F	Greasing hole d ₀	PCD
	D	Tolerance	L	Tolerance	D ₁	Tolerance				
LBF 15	23	$0_{-0.013}$	40	0	43	0 -0.2	7	13	2	32
○ ● LBF 20	30	-0.016	50	-0.2	49		7	18	2	38
○ ● LBF 25	37		60		60		9	21	2	47
○ ● LBF 30	45	0 -0.019	70	0 -0.3	70	10	25	3	54	
○ ● LBF 40	57		90		90	14	31	3	70	
○ ● LBF 50	70		100		108	16	34	4	86	
○ ● LBF 60	85	0 -0.022	127	-0.3	124	0	18	45.5	4	102
○ ● LBF 70	95		110		142	20	35	4	117	
○ ● LBF 85	115		140		168	22	48	5	138	
○ ● LBF 100	135	$0_{-0.025}$	160	-0.4	195	$0_{-0.4}$	25	55	5	162

Model No.	Spline nut dimensions	Basic torque rating		Basic load rating (radial)		Static permissible moment		Mass	
	Mounting hole d ₁ ×d ₂ ×h	C _T [N-m]	C _{OT} [N-m]	C [kN]	C ₀ [kN]	M _{A1} [N-m]	M _{A2} [N-m]	Spline nut [kg]	Spline shaft [kg/m]
	LBF 15	4.5×8×4.4	30.4	74.5	4.4	8.4	25.4	185	0.11
○ ● LBF 20	4.5×8×4.4	74.5	160	7.8	14.9	60.2	408	0.2	1.8
○ ● LBF 25	5.5×9.5×5.4	154	307	13	23.5	118	760	0.36	2.7
○ ● LBF 30	6.6×11×6.5	273	538	19.3	33.8	203	1270	0.6	3.8
○ ● LBF 40	9×14×8.6	599	1140	31.9	53.4	387	2640	1.2	6.8
○ ● LBF 50	11×17.5×11	1100	1940	46.6	73	594	4050	1.9	10.6
○ LBF 60	11×17.5×11	1870	3830	66.2	121	1300	8280	3.5	15.6
○ ● LBF 70	14×20×13	2190	3800	66.4	102	895	6530	3.6	21.3
○ ● LBF 85	16×23×15.2	3620	6360	90.5	141	2000	12600	6.2	32
○ ● LBF 100	18×26×17.5	5910	12600	126	237	3460	20600	11	45

Note 1: ○: For those models, high-temperature types (metal retainer, service temperature: up to 100°C) are available.
(Example) LBF20 A CL+500L H

- : Those models can be attached with a felt seal.
Ball Splines using metal retainers cannot be attached with a felt seal.

Note 2: M_{A1} indicates the permissible moment value in the axial direction when one spline nut is used.

M_{A2} indicates the permissible moment value in the axial direction when two spline nuts are used.

(Using a single spline nut is not stable in accuracy. We recommend using two spline nuts in close contact with each other.)

Note 3: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

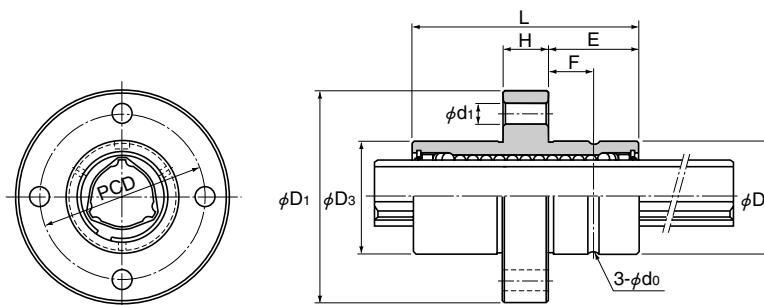
Example of model number coding

2 LBF20 DD CL +900L P K

Model number	Symbol for clearance in the rotational direction (see page 6)	Accuracy symbol (see page 7)	Symbol for standard hollow spline shaft (no symbol: solid spline shaft)
Number of spline nuts on one shaft (no symbol for one spline nut)	Overall spline shaft length (in mm)		
	Dust prevention accessory symbol No symbol: without seal UU: rubber seal attached on both ends of spline nut U: rubber seal attached on either end of spline nut DD: felt seal attached on both ends of spline nut D: felt seal attached on either end of spline nut		

Model LBR

Dimensional Table for Model LBR



Unit: mm

Model No.	Spline nut dimensions								
	Outer diameter		Outer diameter D ₃	Length		Flange diameter D ₁	H	E	PCD
	D	Tolerance		L	Tolerance				
LBR 15	25	$0_{-0.013}$	25.35	40	0	45.4	9	15.5	34
○ ● LBR 20	30	0	30.35	60	-0.2	56.4	12	24	44
○ ● LBR 25	40		40.35	70		70.4	14	28	54
○ ● LBR 30	45		45.4	80		75.4	16	32	61
○ ● LBR 40	60	0	60.4	100	0	96.4	18	41	78
○ ● LBR 50	75	-0.019	75.4	112		112.4	20	46	94
○ LBR 60	90		90.5	127		134.5	22	52.5	112
○ ● LBR 70	95	0	95.6	135	-0.3	140.6	24	55.5	117
○ ● LBR 85	120	-0.022	120.6	155		170.6	26	64.5	146
○ ● LBR 100	140		140.6	175		198.6	34	70.5	170

Model No.	Spline nut dimensions			Basic torque rating		Basic load rating (radial)		Static permissible moment		Mass	
	Mounting hole d ₁	F	Greasing hole d ₀	C _T [N-m]	C _{OT} [N-m]	C [kN]	C ₀ [kN]	 M _{A1} (See Note 2) M _{A2} (See Note 2)		Spline nut [kg]	Spline shaft [kg/m]
								[N-m]	[N-m]		
LBR 15	4.5	7.5	2	30.4	74.5	4.4	8.4	25.4	185	0.14	1
○ ● LBR 20	5.5	12	2	90.2	213	9.4	20.1	103	632	0.33	1.8
○ ● LBR 25	5.5	14	2	176	381	14.9	28.7	171	1060	0.54	2.7
○ ● LBR 30	6.6	16	3	312	657	22.5	41.4	295	1740	0.9	3.8
○ ● LBR 40	9	20.5	3	696	1420	37.1	66.9	586	3540	1.7	6.8
○ ● LBR 50	11	23	4	1290	2500	55.1	94.1	941	5610	2.7	10.6
○ LBR 60	11	26	4	1870	3830	66.2	121	1300	8280	3.7	15.6
○ ● LBR 70	14	27	4	3000	6090	90.8	164	2080	11800	6	21.3
○ ● LBR 85	16	32	5	4740	9550	119	213	3180	17300	8.3	32
○ ● LBR 100	18	35	5	6460	14400	137	271	4410	25400	14.2	45

Note 1: ○: For those models, high-temperature types (metal retainer, service temperature: up to 100°C) are available.

(Example) LBR40 Δ CM+600L H

Symbol for high-temperature type

- : Those models can be attached with a felt seal.
Ball Splines using metal retainers cannot be attached with a felt seal.

Note 2: M_{A1} indicates the permissible moment value in the axial direction when one spline nut is used.

M_{A2} indicates the permissible moment value in the axial direction when two spline nuts are used.

Note 3: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

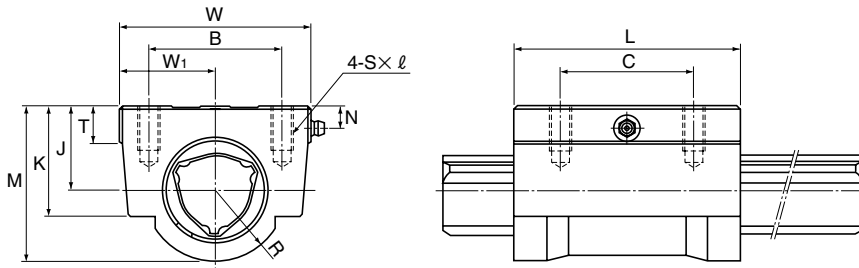
Example of model number coding

2 LBR30 UU CM +700L H K

Model number	Symbol for clearance in the rotational direction (see page 6)	Accuracy symbol (see page 7)	Symbol for standard hollow spline shaft (no symbol: solid spline shaft)
Number of spline nuts on one shaft (no symbol for one spline nut)	Overall spline shaft length (in mm)		
	Dust prevention accessory symbol	No symbol: without seal	UU: rubber seal attached on both ends of spline nut
	U: rubber seal attached on either end of spline nut	DD: felt seal attached on both ends of spline nut	D: felt seal attached on either end of spline nut

Model LBH

Dimensional Table for Model LBH



Unit: mm

Model No.	Spline nut dimensions									
	Height	Width	Length				J	W ₁		
	M	W	L	B	C	S×l	±0.15	±0.15	T	K
○ LBH 15	29	34	43	26	26	M4×10	15	17	6	20
○ ● LBH 20	38	48	62	35	35	M6×12	20	24	7	26
○ ● LBH 25	47.5	60	73	40	40	M8×16	25	30	8	33
○ ● LBH 30	57	70	83	50	50	M8×16	30	35	10	39
○ ● LBH 40	70	86	102	60	60	M10×20	38	43	15	50
○ ● LBH 50	88	100	115	75	75	M12×25	48	50	18	63

Model No.	Spline nut dimensions			Basic torque rating		Basic load rating (radial)		Static permissible moment	Mass	
	R	N	Grease nipple	C _T [N-m]	C _{OT} [N-m]	C [kN]	C ₀ [kN]	M _A [N-m]	Spline nut [kg]	Spline shaft [kg/m]
○ LBH 15	14	5	φ 4 drive nipple	30.4	74.5	4.4	8.4	25.4	0.23	1
○ ● LBH 20	18	7	A-M6F	90.2	213	9.4	20.1	103	0.58	1.8
○ ● LBH 25	22	6	A-M6F	176	381	14.9	28.7	171	1.1	2.7
○ ● LBH 30	26	8	A-M6F	312	657	22.5	41.4	295	1.73	3.8
○ ● LBH 40	32	10	A-M6F	696	1420	37.1	66.9	586	3.18	6.8
○ ● LBH 50	40	13.5	A-PT1/8	1290	2500	55.1	94.1	941	5.1	10.6

Note 1: ○: For those models, high-temperature types (metal retainer, service temperature: up to 100°C) are available.
 (Example) LBH30 A CM+600L H

- : Symbol for high-temperature type
- : Those models can be attached with a felt seal.
 Ball Splines using metal retainers cannot be attached with a felt seal.

Note 2: M_A indicates the permissible moment value in the axial direction when a single spline nut is used.
 Note 3: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

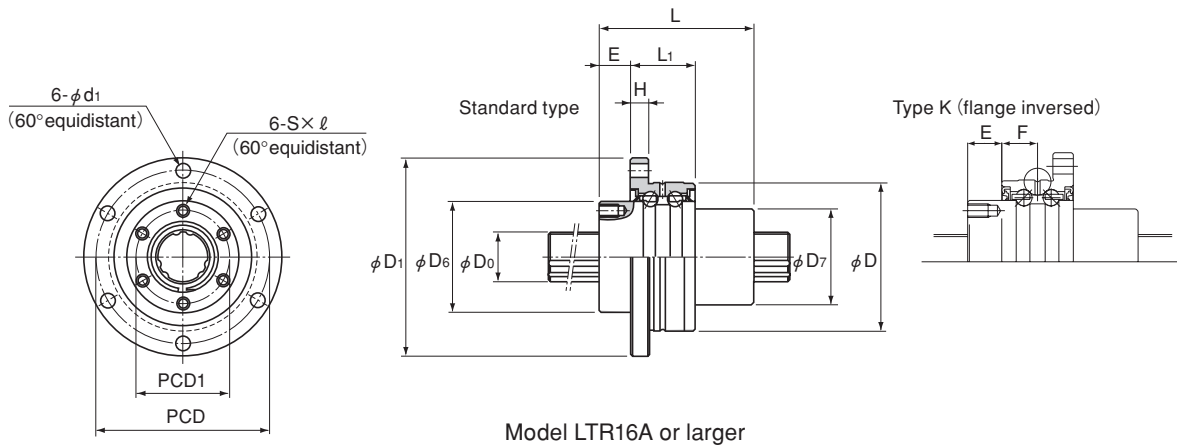
Example of model number coding

2 LBH40 UU CL +700L P K

Model number	Symbol for clearance in the rotational direction (see page 6)	Accuracy symbol (see page 7)	Symbol for standard hollow spline shaft (no symbol: solid spline shaft)
Number of spline nuts on one shaft (no symbol for one spline nut)	Overall spline shaft length (in mm)	Dust prevention accessory symbol No symbol: without seal UU: rubber seal attached on both ends of spline nut U: rubber seal attached on either end of spline nut DD: felt seal attached on both ends of spline nut D: felt seal attached on either end of spline nut	

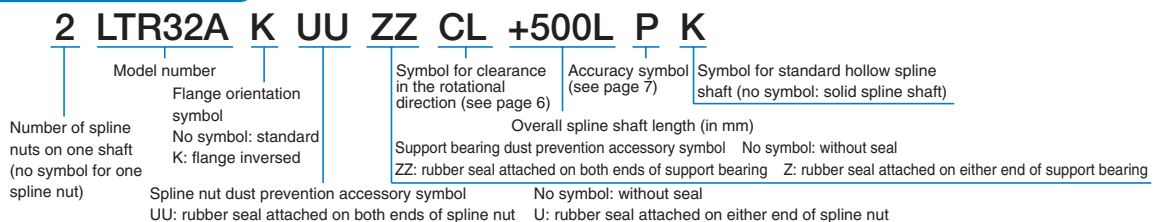
Model LTR-A

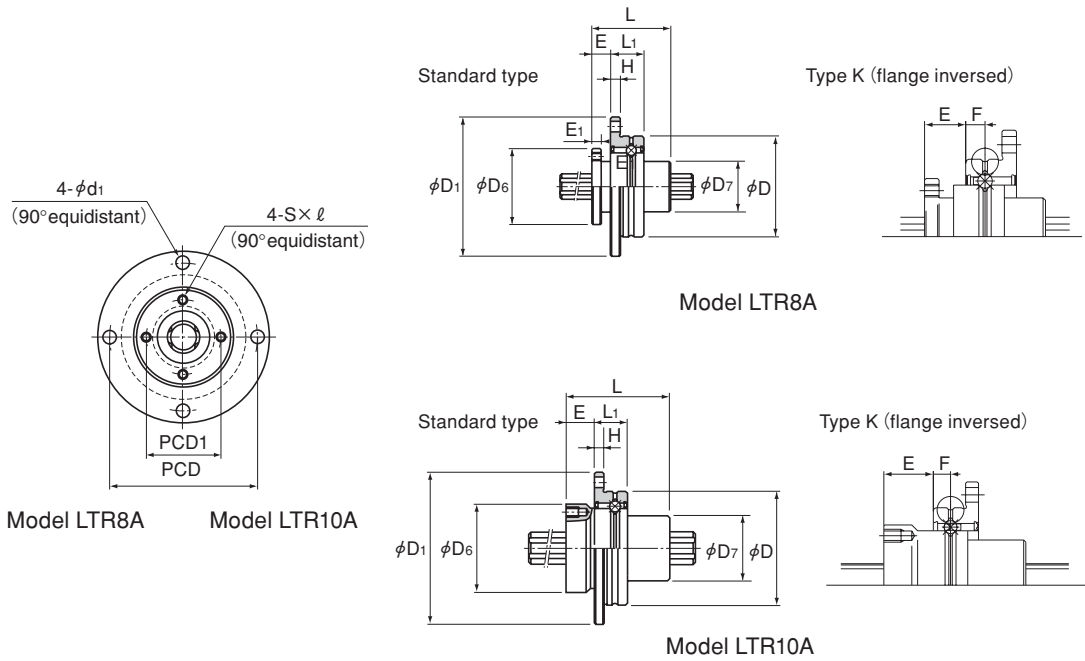
Dimensional Table for Models LTR-A




Model No.	Spline nut dimensions													
	Outer diameter		Length L	Flange diameter D ₁	D ₆ h7	D ₇	H	L ₁	E	Type K E	Oil hole position F	E ₁	PCD	PCD1
	D	Tolerance												
LTR 8A	32	-0.009 -0.025	25	44	24	16	3	10.5	6	8.5	4	3	38	19
LTR 10A	36		33	48	28	21	3	10.5	9	11.5	4	—	42	23
LTR 16A	48		50	64	36	31	6	21	10	10	10.5	—	56	30
LTR 20A	56	-0.010 -0.029	63	72	43.5	35	6	21	12	12	10.5	—	64	36
LTR 25A	66		71	86	52	42	7	25	13	13	12.5	—	75	44
LTR 32A	78		80	103	63	52	8	25	17	17	12.5	—	89	54
LTR 40A	100	-0.012 -0.034	100	130	79.5	64	10	33	20	20	16.5	—	113	68

Example of model number coding





Unit: mm

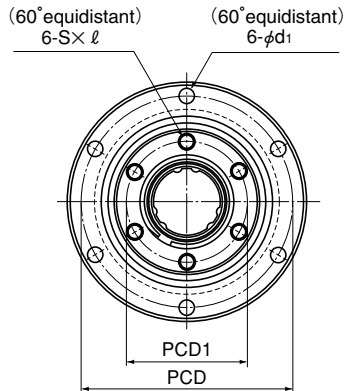
S×ℓ	d ₁	Spline shaft diameter D ₀ h7	No. of rows of balls	Basic torque rating		Basic load rating		Static permissible moment  M _A (See Note 1) [N-m]	Support bearing basic load rating		Mass	
				C _T [N-m]	C _{OT} [N-m]	C [kN]	C ₀ [kN]		C [kN]	C ₀ [kN]	Spline nut [kg]	Spline shaft [kg/m]
M2.6×3	3.4	8	4	1.96	2.94	1.47	2.55	5.9	0.69	0.24	0.08	0.4
M3×4	3.4	10	4	3.92	7.84	2.84	4.9	15.7	0.77	0.3	0.13	0.62
M4×6	4.5	16	6	31.3	34.3	7.05	12.6	67.6	6.7	6.4	0.35	1.6
M5×8	4.5	20	6	56.8	55.8	10.2	17.8	118	7.4	7.8	0.51	2.5
M5×8	5.5	25	6	105	103	15.2	25.8	210	9.7	10.6	0.79	3.9
M6×10	6.6	32	6	180	157	20.5	34	290	10.5	12.5	1.25	5.6
M6×10	9	40	6	418	377	37.8	60.4	687	16.5	20.7	2.51	9.9

Note 1: M_A indicates the permissible moment value in the axial direction when a single spline nut is used.

Note 2: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

Model LTR

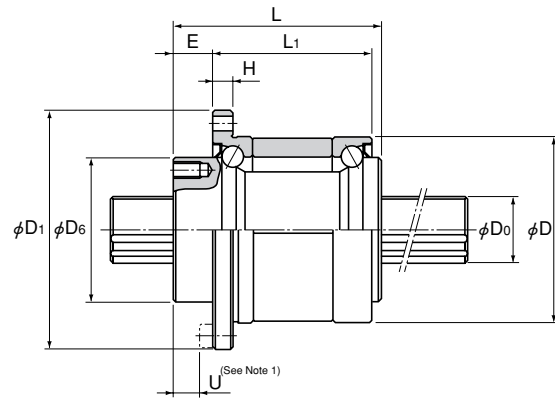
Dimensional Table for Models LTR




Model No.	Spline nut dimensions										
	Outer diameter		Length	Flange diameter	D_e h7	H	L_1	E	PCD	PCD1	$S \times l$
	D	Tolerance	L	D_1							
LTR 16	52	0 -0.007	50	68	39.5	5	37	10	60	32	M5×8
LTR 20	56		63	72	43.5	6	48	12	64	36	M5×8
LTR 25	62		71	78	53	6	55	13	70	45	M6×8
LTR 32	80	0 -0.008	80	105	65.5	9	60	17	91	55	M6×10
LTR 40	100		100	130	79.5	11	74	23	113	68	M6×10
LTR 50	120		125	156	99.5	12	97	25	136	85	M10×15
LTR 60	134	0 -0.009	140	170	115	12	112	25	150	100	M10×15

Example of model number coding

2	LTR50	K	UU	ZZ	CM	+1000L	H	K
Number of spline nuts on one shaft (no symbol for one spline nut)	Model number Flange orientation symbol No symbol: standard K: flange inversed	Spline nut dust prevention accessory symbol UU: rubber seal attached on both ends of spline nut	Support bearing dust prevention accessory symbol ZZ: rubber seal attached on both ends of support bearing	Symbol for clearance in the rotational direction (see page 6)	Accuracy symbol (see page 7)	Overall spline shaft length (in mm)	Symbol for standard hollow spline shaft (no symbol: solid spline shaft)	No symbol: without seal Z: rubber seal attached on either end of support bearing U: rubber seal attached on either end of spline nut



Unit: mm

d _i	U (See Note 1)	Spline shaft diameter		No. of rows of balls	Basic torque rating		Basic load rating		Static permissible moment  M _A (See Note 2) [N-m]	Support bearing basic load rating		Mass	
		D ₀ h7	C _T [N-m]		C _{0T} [N-m]	C [kN]	C ₀ [kN]	C [kN]		C ₀ [kN]	Spline nut [kg]	Spline shaft [kg/m]	
4.5	5	16	6	31.4	34.3	7.06	12.6	67.6	12.7	11.8	0.51	1.6	
4.5	7	20	6	56.9	55.9	10.2	17.8	118	16.3	15.5	0.7	2.5	
4.5	8	25	6	105	103	15.2	25.8	210	17.6	18	0.93	3.9	
6.6	10	32	6	180	157	20.5	34	290	20.1	24	1.8	5.6	
9	13	40	6	419	377	37.8	60.5	687	37.2	42.5	3.9	9.9	
11	13	50	6	842	769	60.9	94.5	1340	41.7	54.1	6.7	15.5	
11	13	60	6	1220	1040	73.5	111.7	1600	53.1	68.4	8.8	22.3	

Note 1: Dimension U represents the dimension from the head of the hex socket screw to the spline nut end.

Note 2: M_A indicates the permissible moment value in the axial direction when a single spline nut is used.

Note 3: For details on the maximum lengths of ball spline shafts by accuracy, please see page 8.

THK Ball Spline Series



Precautions on use

● Precautions on Handling

- Disassembling components may cause dust to enter the system or degrade mounting accuracy of the components. Do not disassemble the components.
- Tilting a spline nut or spline shaft may cause them to fall by their own weight.
- Dropping or hitting the Ball Spline may damage it. Giving an impact to the Ball Spline could also cause damage to its function even if the product looks intact.

● Lubrication

- Thoroughly remove anti-corrosion oil and feed a lubricant before using the product.
- Do not mix lubricants of different physical properties.
- In locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, normal lubricants may not be used. Contact THK for details.
- When planning to use a special lubricant, contact THK before using it.
- When adopting oil lubrication, the lubricant may not be distributed throughout the product depending on the mounting orientation of the system. Contact THK for details.
- Lubrication interval varies according to the service conditions. Contact THK for details.

● Precautions on Use

- Entry of foreign material may cause damage to the ball circulation component or functional loss. Prevent foreign material, such as dust or cutting chips, from entering the system.
- Do not use the product at temperature of 80°C or higher. When desiring to use the system at temperature of 80°C or higher, contact THK in advance.
- When planning to use the product in an environment where the coolant penetrates the spline nut, it may cause trouble to product functions depending on the type of the coolant. Contact THK for details.
- If foreign material such as dust of cutting chips adheres to the product, replenish the lubricant after cleaning the product with pure white kerosene.
- When using the product in locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, contact THK in advance.

● Storage

- When storing the Ball Spline, enclose it in a package designated by THK and store it in a horizontal orientation while avoiding high temperature, low temperature and high humidity.

● “LM Guide” and “” are registered trademarks of THK CO., LTD.

- The photo may differ slightly in appearance from the actual product.
 - The appearance and specifications of the product are subject to change without notice. Contact THK before placing an order.
 - Although great care has been taken in the production of this catalog, THK will not take any responsibility for damage resulting from typographical errors or omissions.
 - For the export of our products or technologies and for the sale for exports, THK in principle complies with the foreign exchange law and the Foreign Exchange and Foreign Trade Control Law as well as other relevant laws.
- For export of THK products as single items, contact THK in advance.

All rights reserved

THK CO., LTD.

HEAD OFFICE 3-11-6, NISHI-GOTANDA, SHINAGAWA-KU, TOKYO 141-8503 JAPAN
INTERNATIONAL SALES DEPARTMENT PHONE:+81-3-5434-0351 FAX:+81-3-5434-0353
Global site : <http://www.thk.com/>

NORTH AMERICA

THK America, Inc.

● HEADQUARTERS

Phone:+1-847-310-1111 Fax:+1-847-310-1271

● CHICAGO OFFICE

Phone:+1-847-310-1111 Fax:+1-847-310-1182

● NEW YORK OFFICE

Phone:+1-845-369-4035 Fax:+1-845-369-4909

● ATLANTA OFFICE

Phone:+1-770-840-7990 Fax:+1-770-840-7897

● LOS ANGELES OFFICE

Phone:+1-949-955-3145 Fax:+1-949-955-3149

● SAN FRANCISCO OFFICE

Phone:+1-925-455-8948 Fax:+1-925-455-8965

● BOSTON OFFICE

Phone:+1-781-575-1151 Fax:+1-781-575-9295

● DETROIT OFFICE

Phone:+1-248-858-9330 Fax:+1-248-858-9455

● TORONTO OFFICE

Phone:+1-905-820-7800 Fax:+1-905-820-7811

SOUTH AMERICA

THK Brasil LTDA

Phone:+55-11-3767-0100 Fax:+55-11-3767-0101

EUROPE

THK GmbH

● EUROPEAN HEADQUARTERS

Phone:+49-2102-7425-0 Fax:+49-2102-7425-217

● DÜSSELDORF OFFICE

Phone:+49-2102-7425-0 Fax:+49-2102-7425-299

● FRANKFURT OFFICE

Phone:+49-2102-7425-650 Fax:+49-2102-7425-699

● STUTTGART OFFICE

Phone:+49-7150-9199-0 Fax:+49-7150-9199-888

● MÜNCHEN OFFICE

Phone:+49-8937-0616-0 Fax:+49-8937-0616-26

● U.K. OFFICE

Phone:+44-1908-30-3050 Fax:+44-1908-30-3070

● ITALY MILANO OFFICE

Phone:+39-039-284-2079 Fax:+39-039-284-2527

● ITALY BOLOGNA OFFICE

Phone:+39-051-641-2211 Fax:+39-051-641-2230

● SWEDEN OFFICE

Phone:+46-8-445-7630 Fax:+46-8-445-7639

● AUSTRIA OFFICE

Phone:+43-7229-51400 Fax:+43-7229-51400-79

● SPAIN OFFICE

Phone:+34-93-652-5740 Fax:+34-93-652-5746

● TURKEY OFFICE

Phone:+90-216-362-4050 Fax:+90-216-569-7150

THK France S.A.S.

Phone:+33-4-3749-1400 Fax:+33-4-3749-1401

CHINA

THK (CHINA) CO.,LTD.

● HEADQUARTERS

Phone:+86-411-8733-7111 Fax:+86-411-8733-7000

● SHANGHAI OFFICE

Phone:+86-21-6219-3000 Fax:+86-21-6219-9890

● BEIJING OFFICE

Phone:+86-10-8441-7277 Fax:+86-10-6590-3557

● CHENGDU OFFICE

Phone:+86-28-8526-8025 Fax:+86-28-8525-6357

● GUANGZHOU OFFICE

Phone:+86-20-8333-9770 Fax:+86-20-8333-9726

THK (SHANGHAI) CO.,LTD.

Phone:+86-21-6275-5280 Fax:+86-21-6219-9890

TAIWAN

THK TAIWAN CO.,LTD.

● TAIPEI HEAD OFFICE

Phone:+886-2-2888-3818 Fax:+886-2-2888-3819

● TAICHUNG OFFICE

Phone:+886-4-2359-1505 Fax:+886-4-2359-1506

● TAINAN OFFICE

Phone:+886-6-289-7668 Fax:+886-6-289-7669

KOREA

SEOUL REPRESENTATIVE OFFICE

Phone:+82-2-3468-4351 Fax:+82-2-3468-4353

SINGAPORE

THK LM SYSTEM Pte. Ltd.

Phone:+65-6884-5500 Fax:+65-6884-5550

INDIA

BANGALORE REPRESENTATIVE OFFICE

Phone:+91-80-2330-1524 Fax:+91-80-2314-8226