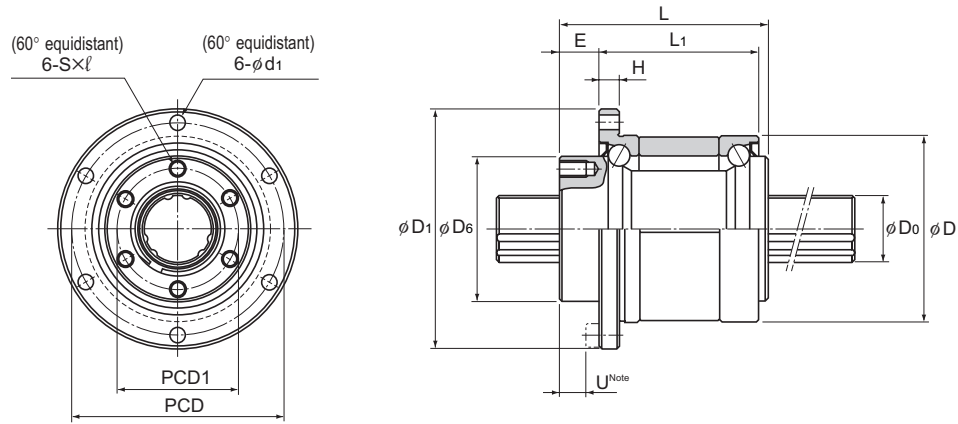


# Model LTR



Unit: mm

Model No.	Spline nut dimensions														Spline shaft diameter		Basic torque rating		Basic load rating		Static permissible moment	Support bearing basic load rating		Mass	
	Outer diameter		Length L	Flange diameter D <sub>1</sub>	D <sub>6</sub> h7	H	L <sub>1</sub>	E	PCD	PCD1	S×ℓ	d <sub>1</sub>	U <sup>Note</sup>	D <sub>0</sub> h7	Rows of balls	C <sub>T</sub> N-m	C <sub>OT</sub> N-m	C kN	C <sub>0</sub> kN	M <sub>A</sub> ** N-m	C kN	C <sub>0</sub> kN	Spline Nut kg	Spline shaft kg/m	
	D	Tolerance																							
LTR 16	52	0 -0.007	50	68	39.5	5	37	10	60	32	M5×8	4.5	5	16	6	31.4	34.3	7.06	12.6	67.6	12.7	11.8	0.51	1.6	
LTR 20	56		63	72	43.5	6	48	12	64	36	M5×8	4.5	7	20	6	56.9	55.9	10.2	17.8	118	16.3	15.5	0.7	2.5	
LTR 25	62		71	78	53	6	55	13	70	45	M6×8	4.5	8	25	6	105	103	15.2	25.8	210	17.6	18	0.93	3.9	
LTR 32	80		80	105	65.5	9	60	17	91	55	M6×10	6.6	10	32	6	180	157	20.5	34	290	20.1	24	1.8	5.6	
LTR 40	100	0 -0.008	100	130	79.5	11	74	23	113	68	M6×10	9	13	40	6	419	377	37.8	60.5	687	37.2	42.5	3.9	9.9	
LTR 50	120		125	156	99.5	12	97	25	136	85	M10×15	11	13	50	6	842	769	60.9	94.5	1340	41.7	54.1	6.7	15.5	
LTR 60	134	0 -0.009	140	170	115	12	112	25	150	100	M10×15	11	13	60	6	1220	1040	73.5	111.7	1600	53.1	68.4	8.8	22.3	

### Model number coding

**2 LTR50 K UU ZZ CM +1000L H K**

Model No.	Flange orientation symbol(*1)	Symbol for clearance in the rotational direction(*4)	Accuracy symbol(*5)	Symbol for standard hollow spline shaft(*6)
Number of spline nuts on one shaft (no symbol for one nut)	Spline nut contamination protection accessory symbol(*2)	Support bearings contamination protection accessory symbol(*3)	Overall spline shaft length (in mm)	

(\*2) See A-509. (\*3) See A-509. (\*4) See A-481. (\*5) See A-482. (\*6) See B-408.

(\*1) No Symbol: standard K: flange inversed

Note) \*\*M<sub>A</sub> indicates the permissible moment value in the axial direction when a single spline nut is used, as shown in the figure above.  
Dimension U represents the dimension from the head of the hexagonal-socket-head type bolt to the spline nut end.  
For details on the maximum lengths of ball spline shafts by accuracy, please see B-410.