Type LTR

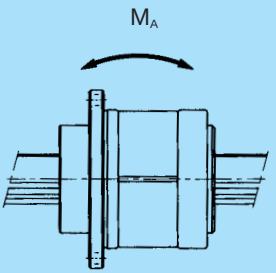
Model No.	Spline nut dimensions										
	Outer diameter D	Tolerance	Length L	Flange dimensions D_1	D_2^{h7}	H	L_1	B	P	P_1	m × t
LTR 16	52	0 –0.007	50	68	39.5	5	37	10	60	32	M 5 × 8
LTR 20	56		63	72	43.5	6	48	12	64	36	M 5 × 8
LTR 25	62		71	78	53	6	55	13	70	45	M 6 × 8
LTR 32	80		80	105	65.5	9	60	17	91	55	M 6 × 10
LTR 40	100	0 –0.008	100	130	79.5	11	74	23	113	68	M 6 × 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

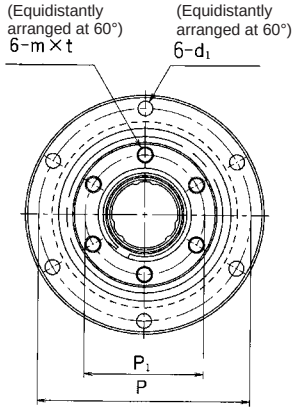
Notes:

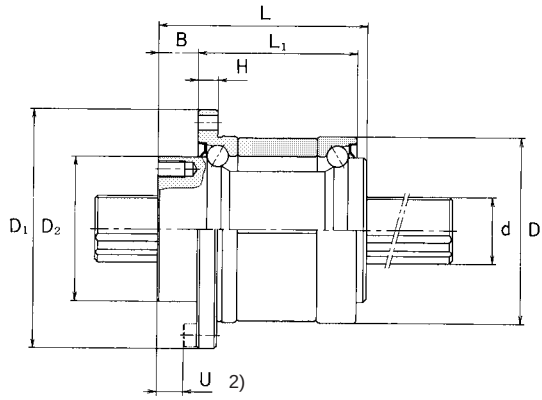
1) M_A represents the permissible moment in the axial direction when a single spline nut is used, as shown below.

2) Dimension U refers to the distance from the head of the hexagonal socket cap screw to the spline-nut end face.

- If a model with seals is required, please specify.
- For model-number coding, see page B-95.







Unit: mm

d_1	U 2)	Shaft diameter d^{h7}	No. of trains of balls	Basic load rating C kN	Basic load rating C_0 kN	Basic torque rating C_T Nm	Basic torque rating C_{0T} Nm	Static permissible moment M_A 1) Nm	Support-bearing basic load rating C kN	Support-bearing basic load rating C_0 kN	Mass Spline nut kg	Mass Spline shaft kg/m
4.5	5	16	6	7.06	12.6	31.4	34.3	67.6	12.7	11.8	0.51	1.6
4.5	7	20	6	10.2	17.8	56.9	55.9	118	16.3	15.5	0.7	2.5
4.5	8	25	6	15.2	25.8	105	103	210	17.6	18.0	0.93	3.9
6.6	10	32	6	20.5	34.0	180	157	290	20.1	24.0	1.8	5.6
9	13	40	6	37.8	60.5	419	377	687	37.2	42.5	3.9	9.9
11	13	50	6	60.9	94.5	842	769	1340	41.7	54.1	6.7	15.5
11	13	60	6	73.5	111.7	1220	1040	1600	53.1	68.4	8.8	22.3