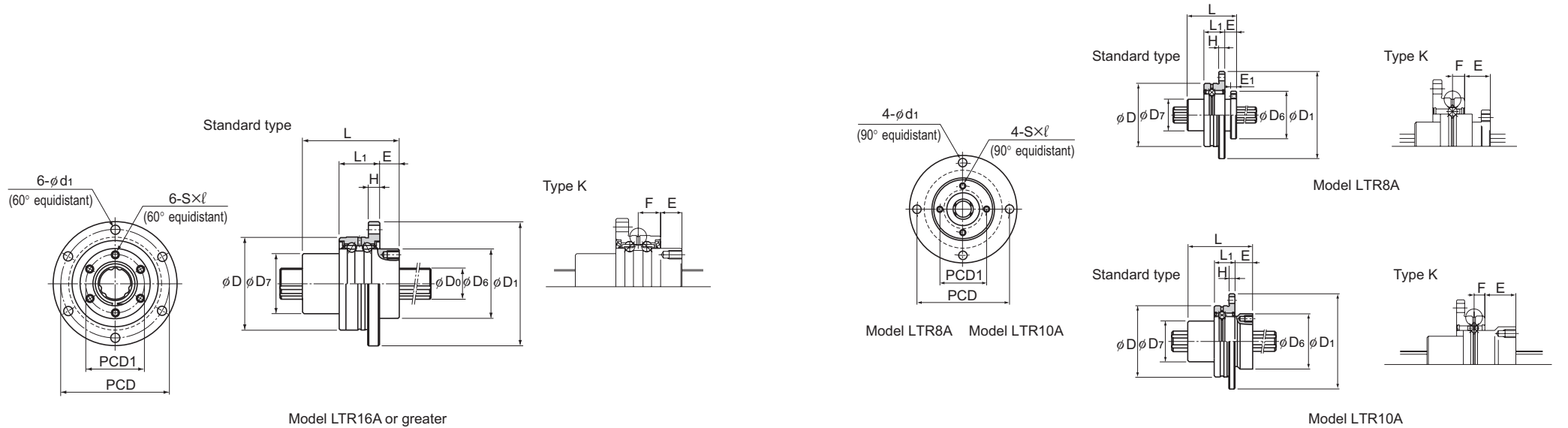


Model LTR-A Compact Type

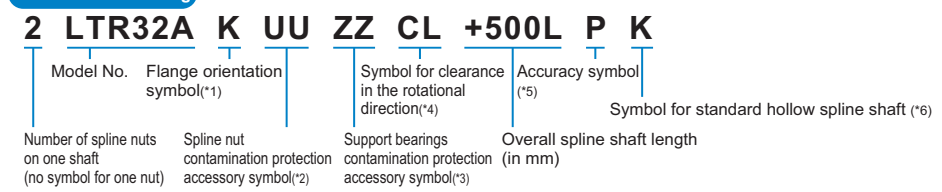


Ball Spline

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	Flange diameter	D ₅	D ₇	H	L ₁	Standard type	Type K	Oil hole position	F	E ₁	PCD	PCD1	S × l	d ₁	D ₀	Rows of balls	C _T	C _{OT}	C	C ₀	M _A **	C	C ₀	Spline Nut	Spline shaft
	D	Tolerance	L	D ₁	h7												h7		N-m	N-m	KN	KN	N-m	kN	kN	kg	kg/m	
LTR 8A	32	-0.009 -0.025	25	44	24	16	3	10.5	6	8.5	4	3	38	19	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	
LTR 10A	36		33	48	28	21	3	10.5	9	11.5	4	—	42	23	M3×4	3.4	10	4	3.92	7.84	2.84	4.9	15.7	0.77	0.3	0.13	0.62	
LTR 16A	48	-0.010 -0.029	50	64	36	31	6	21	10	10	10.5	—	56	30	M4×6	4.5	16	6	31.3	34.3	7.05	12.6	67.6	6.7	6.4	0.35	1.6	
LTR 20A	56		63	72	43.5	35	6	21	12	12	10.5	—	64	36	M5×8	4.5	20	6	56.8	55.8	10.2	17.8	118	7.4	7.8	0.51	2.5	
LTR 25A	66		71	86	52	42	7	25	13	13	12.5	—	75	44	M5×8	5.5	25	6	105	103	15.2	25.8	210	9.7	10.6	0.79	3.9	
LTR 32A	78		80	103	63	52	8	25	17	17	12.5	—	89	54	M6×10	6.6	32	6	180	157	20.5	34	290	10.5	12.5	1.25	5.6	
LTR 40A	100	-0.012 -0.034	100	130	79.5	64	10	33	20	20	16.5	—	113	68	M6×10	9	40	6	418	377	37.8	60.4	687	16.5	20.7	2.51	9.9	

Unit: mm

Model number coding



(*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 inverted

Note) **M_A indicates the permissible moment value in the axial direction when a single spline nut is used, as shown in the figure below. For details on the maximum lengths of ball spline shafts by accuracy, please see B-410.

