

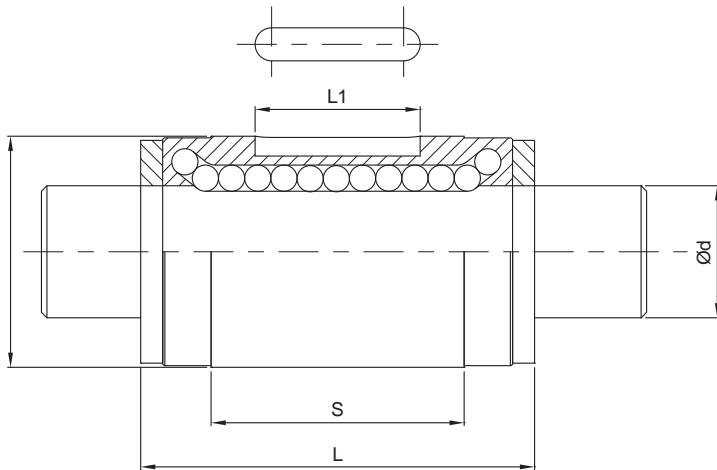
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Shaft diameter

Model No.	Diameter	Row	Spline Nut Dimension				Keyway Dimensions	
	d		D	L	S	L1	b	t
	h7						H8	+0.05 ~ 0
SOT008	8	2	15	25	14.6	8.5	2.5	1.5
SOT010	10	2	19	30	18.2	11	3	1.8
SOT012	12	2	21	35	23	15	3	1.8
SOT015	13.6	2	23	40	27	20	3.5	2
SOT020	18.2	2	30	50	33	26	4	2.5
SOT025	22.6	2	37	60	39.2	29	5	3

TBI MOTION BALL SPLINE

1-1 Structure and Benefits of *TBI MOTION* Ball Spline



B

Ball Spline

Model No.	Basic Load Rating		Basic Torsion		Static Permissible Moment		Mass	
	C	C0	CT	C0T	MA1	MA2	Spline Nut	Spline Shaft
	kgf	kgf	kgf · m	kgf · m	kgf · m	kgf · m	g	kg/m
SOT008	121	136	0.56	0.63	0.34	2.24	15.9	0.39
SOT010	192	219	1.11	1.27	0.71	4.23	31.5	0.61
SOT012	222	274	1.51	1.87	1.08	6.02	44	0.88
SOT015	426	619	3.19	4.65	2.83	15.49	59.5	1.11
SOT020	673	922	6.73	9.22	4.95	29.36	130	2.02
SOT025	1142	1458	14.17	18.14	9.46	56.17	220	3.10