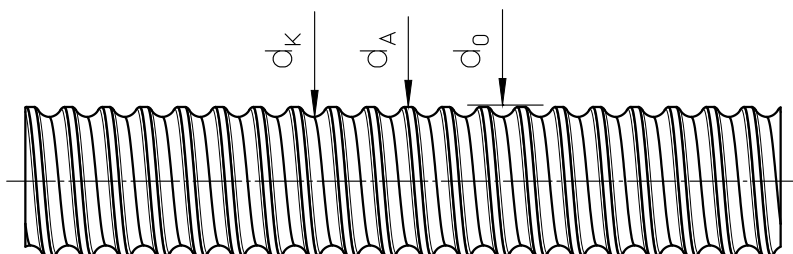


Rolled ball screw spindles

- Ball screw spindles from reputable manufacturers (some made specially for HSB)
- Small rotating parts ensure a high dynamic response and smooth running.
- Accuracy classes: Standard T7 (52 µm/300 mm), optionally T5 (23 µm/300 mm) (the most sizes)
- Standard length 5600 mm; jointed spindles for greater lengths available on request



Nominal-Ø	Nominal pitch	Nominal-Ø	Nominal pitch	Outer-Ø [0/-0,2]	Core Ø	Number of starts	Ball-Ø	Max. length	Specific weight	Cross section area	Minimum axial area moment of inertia	Mass moment of inertia
d_0	P_0	d_0	d	d_A	d_K	i_G	D_W	L_{max}	m_{spez}	A	I_{ax_min}	J
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[]	[mm]	[mm]	(kg/m)	[mm ²]	[mm ⁴]	[kgm ²]
12	05	12	05	11.50	10.10	1	2.0	3000	0,76	96.4	689	101
	10	12	10	11.50	10.10	2	2.0	3000	0.75	96.1	659	99
16	05	16	05	15.35	12.95	1	3.0	5600	1.25	161	2003	295
	10	16	10	15.35	12.95	2	3.0	5600	1.29	160	1691	304
	20	16	20	15.40	13.00	4	3.0	5600	1.24	159	2043	294
	40	16	40	15.00	12.60	4	3.0	5600	1.23	159	2038	277
20	05	20	05	19.50	16.90	1	3.5	5600	2.05	261	5392	780
	10	20	10	19.50	16.90	2	3.5	5600	2.00	260	4607	761
	20	20	20	19.50	16.90	4	3.5	5600	2.16	259	5406	821
	50	20	50	19.10	16.50	5	3.5	5600	2.19	262	5522	799
25	05	25	05	24.50	21.90	1	3.5	5600	3.81	425	14279	2287
	10	25	10	24.50	21.95	2	3.5	5600	3.39	425	12665	2035
	25	25	25	24.50	22.00	5	3.5	5600	3.44	423	14365	2065
	50	25	50	24.10	21.50	5	3.5	5600	3.48	429	14765	2021
32	05	32	05	31.50	28.90	1	3.5	5600	5.73	717	40769	5686
	10	32	10	31.50	28.99	2	3.5	5600	5.54	716	37052	5497
	20	32	20	31.53	28.93	4	3.5	5600	5.81	716	40959	5776
	40	32	40	30.90	28.30	4	3.5	5600	5.51	717	41035	5261
	60	32	60	31.00	28.40	6	3.5	5600	5.66	721	41485	5439
40	10	40	10	38.00	33.80	1	6.0	7500	8.25	1036	83224	11913
	20	40	20	38.00	33.80	2	6.0	7500	7.99	1035	75178	11538
	40	40	40	38.00	33.80	4	6.0	7500	8.38	1031	85371	12101