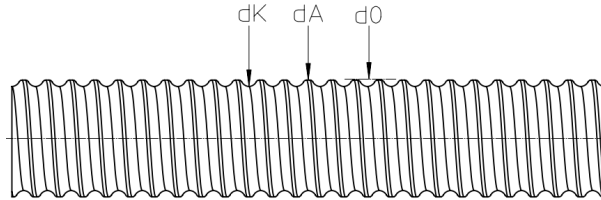


Rolled ball screw spindles

- 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 d_0 [mm]	Nominal pitch p [mm]	Outer Ø [0/-0.2] d_A [mm]	Core Ø d_K [mm]	Number of starts	Ball Ø D_w [mm]	Max. length [mm]	Specific weight [kg/m]	Cross section area [mm ²]	Minimum axial geometrical moment of inertia [mm ⁴]	Polar geometrical moment of inertia [mm ⁴]
12 05		11.5	10.1	1	2.0	3000	0.76	96.4	689	1480
12 10		11.5	10.1	2	2.0	3000	0.75	96.1	659	1480
16 05		15.4	13.0	1	3.0	5600	1.25	161	2003	4117
16 10		15.4	13.0	2	3.0	5600	1.29	160	1691	4161
16 20		15.4	13.0	4	3.0	5600	1.24	159	2043	4086
16 40		15.0	12.6	4	3.0	5600	1.23	159	2038	4076
20 05		19.5	16.9	1	3.5	5600	2.05	261	5392	10825
20 10		19.5	16.9	2	3.5	5600	2.00	260	4607	10931
20 20		19.5	16.9	4	3.5	5600	2.16	259	5406	10812
20 50		19.1	16.5	5	3.5	5600	2.19	262	5522	11044
25 05		24.5	21.9	1	3.5	5600	3.81	425	14279	28715
25 10		24.5	22.0	2	3.5	5600	3.39	425	12665	28947
25 25		24.5	22.0	5	3.5	5600	3.44	423	14365	28730
25 50		24.1	21.5	5	3.5	5600	3.48	429	14765	29530
32 05		31.5	28.9	1	3.5	5600	5.73	717	40769	81806
32 10		31.5	29.0	2	3.5	5600	5.54	716	37052	81956
32 20		31.5	28.9	4	3.5	5600	5.81	716	40959	81918
32 40		30.9	28.3	4	3.5	5600	5.51	717	41035	82070
32 60		31.0	28.4	6	3.5	5600	5.66	721	41485	82970