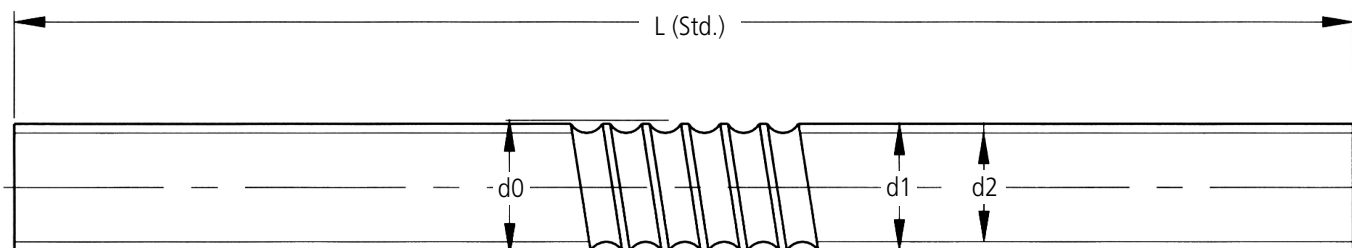
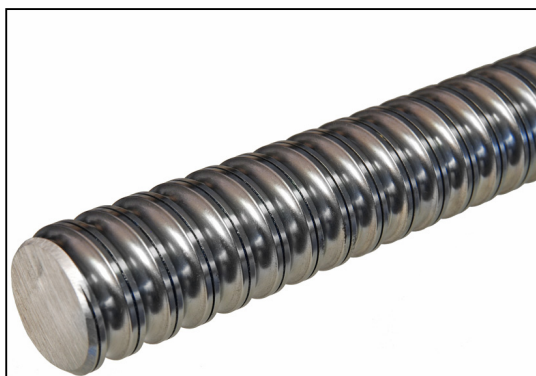


KGS

LINEAR MOTION

Economy Rolled Ballscrew

T7 50 µm/300mm Accuracy : Mates with GBS Nuts



Part Number	Ball Dist. d0	Lead	O/D d1	Root d2	L Std.	L Max.	Weight kg/m	Mass Moment of Inertia kgm ² /m	Price per 1000mm
KGS1605-1000	16	5	15.5	12.9	1000	5600	1.26	3.14 x 10 ⁻⁵	£118.74
KGS1605-2000	16	5	15.5	12.9	2000	5600	1.26	3.14 x 10 ⁻⁵	£237.54
KGS2005-1000	20	5	19.5	16.9	1000	5600	2.04	8.28 x 10 ⁻⁵	£130.23
KGS2005-2000	20	5	19.5	16.9	2000	5600	2.04	8.28 x 10 ⁻⁵	£260.49
KGS2505-1000	25	5	24.5	21.9	1000	5600	3.33	2.23 x 10 ⁻⁴	£152.23
KGS2505-2000	25	5	24.5	21.9	2000	5600	3.33	2.23 x 10 ⁻⁴	£304.52
KGS3205-1000	32	5	31.5	28.9	1000	5600	5.61	6.39 x 10 ⁻⁴	£179.36
KGS3205-2000	32	5	31.5	28.9	2000	5600	5.61	6.39 x 10 ⁻⁴	£358.76
KGS3210-1000	32	10	31.5	28.9	1000	5600	5.61	6.09 x 10 ⁻⁴	£181.56
KGS3210-2000	32	10	31.5	28.9	2000	5600	5.61	6.09 x 10 ⁻⁴	£363.17
KGS4005-1000	40	5	39.5	36.9	1000	5600	9.03	1.64 x 10 ⁻³	£221.03
KGS4005-2000	40	5	39.5	36.9	2000	5600	9.03	1.64 x 10 ⁻³	£442.09
KGS4010-1000	40	10	39.5	34.1	1000	5600	9.01	1.52 x 10 ⁻³	£248.68
KGS4010-2000	40	10	39.5	34.1	2000	5600	9.01	1.52 x 10 ⁻³	£497.41
KGS5010-1000	50	10	49.2	44.0	1000	5600	13.48	3.69 x 10 ⁻³	£373.52
KGS5010-2000	50	10	49.2	44.0	2000	5600	13.48	3.69 x 10 ⁻³	£747.08
KGS6310-1000	63	10	62.2	57.0	1000	5600	22.04	9.90 x 10 ⁻³	£598.52
KGS6310-2000	63	10	62.2	57.0	2000	5600	22.04	9.90 x 10 ⁻³	£1197.08
KGS8010-1000	80	10	79.5	74.1	1000	5600	36.41	2.69 x 10 ⁻²	£P.O.A
KGS8010-2000	80	10	79.5	74.1	2000	5600	36.41	2.69 x 10 ⁻²	£P.O.A

Material

Steel Cf53 or Cf60 induction hardened and polished.

Profile: Gothic type rolled.**Running Track:** Induction Hardened 60 Hrc ±2Hrc and polished.**Available on Request:** T5 (23µm/300mm), T9 (130µm/300mm), T10 (200µm/300mm).

Other Info.

Ballscrew 58/62 Hrc - special tooling required for machining.

Ensure you are able to fit the ballnut after machining by using the sleeve to keep the balls from dropping out of the nut.

Nuts supplied on sleeve. Balls may drop out if not correctly fitted to ballscrew or if sleeve removed.

For max. loading and speeds: size, length of screw and end bearing configurations will affect the load or speed the screw will be able to take. Please contact Ondrives with usage data for advice.

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Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.