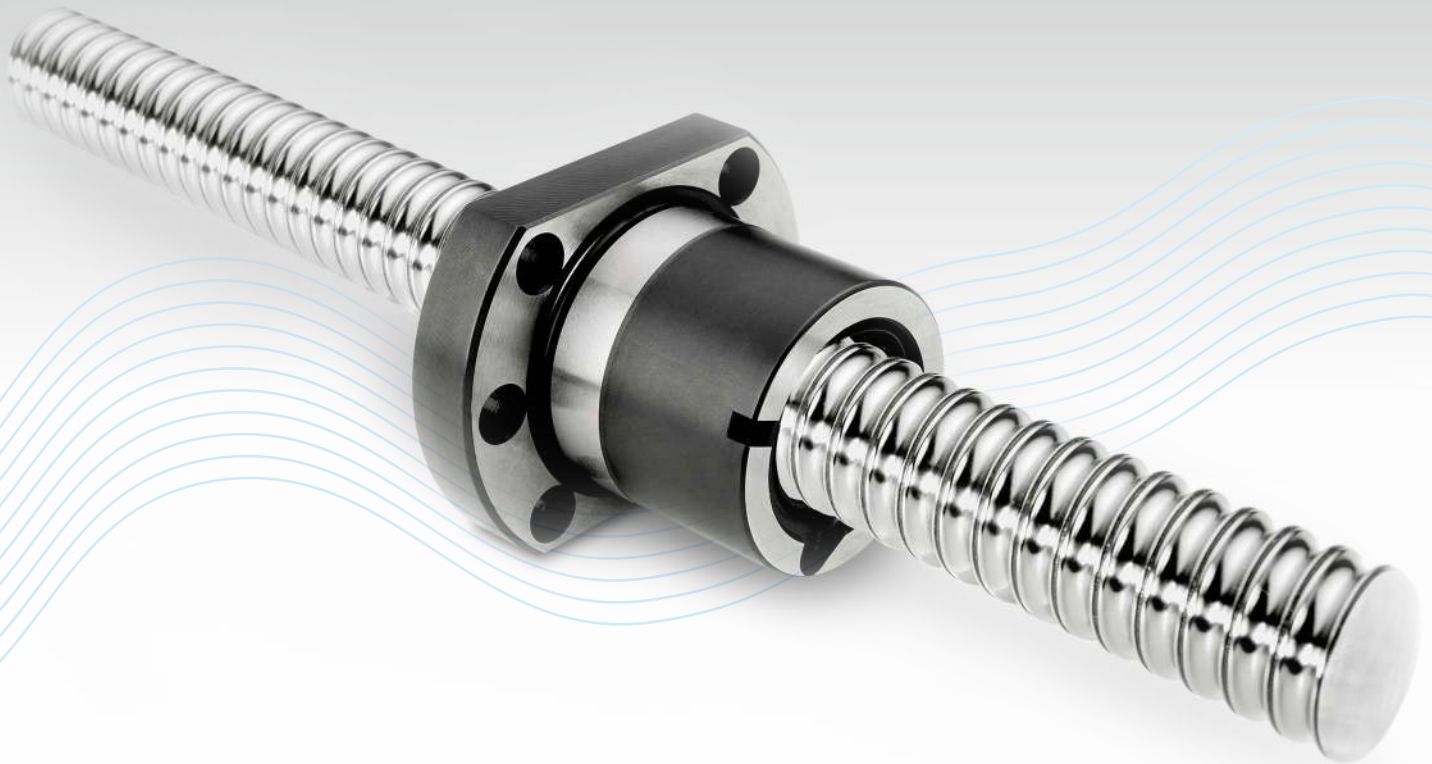


High Precision Ball Screws

Committed to Innovation



APPLICATIONS

- Machine Tools - Precision
- Science - Precision
- Aerospace - Precision
- Energy - Transportation
- Automotive - Transportation
- Civil Engineering – Transportation
- Pharma – Transportation
- Logistics – Transportation
- Injection Moulding & Presses - Precision

NIBL-Korta Engineering Pvt. Ltd.

- Full fledge manufacturing facilities in Bangalore.
- State-of-the-art CMM, Quality and Inspection infrastructures

Features

- High Accuracy:** Rigorous quality and precision controls are carried out during the manufacturing process of high precision Ball Screws using sophisticated **measuring systems** (Laser Pitch Measuring, Profile Projectors, Continuous Torque meters, etc). Measurements are carried out **in controlled atmosphere room** eliminating distortion due to ambient conditions.
- Smooth operation and High Efficiency:** The extremely **low rolling friction coefficient** of ball screws in comparison with sliding friction of conventional screws **increase the efficiency of NIBL-Korta Ball Screws.**
- High Rigidity and Minimal Axial Play:** Ball Screws are preloaded in order to **eliminate backlash**, increase the overall **rigidity** of the Ball and Nut system, and to **improve the positioning accuracy and repeatability.**

PRODUCTION RANGE

Standard dimension of NIBL-Korta Ball Screws:

Diameter	Lead												
	4	5	6	8	10	12	16	20	25	32	40	50	64
12	■	■											
16	■	■			■								
20	■	■	■		■			■					
25	■	■	■		■			■	■				
32	■	■	■	■	■	■	■	■	■	■			
40		■	■	■	■	■	■	■	■	■	■		
50		■	■	■	■	■	■	■	■	■	■	■	
63		■	■	■	■	■	■	■	■	■	■	■	■
80					■	■	■	■	■	■	■	■	■
100					■	■	■	■	■	■	■	■	■
120					■	■	■	■	■	■	■	■	■
160					■	■	■	■	■	■	■	■	■

- Single or Double Nut Configuration.
- Standard or Stainless Steel Imported Materials.
- Up to 23 meter length and 160 Ø.
- DIN standard leads

ACCURACY GRADE

DIN, ISO			IT1			IT3			IT5			IT7
JIS	C0	C1		C3		C5		C7				
V 300 (µm)	3,5	5	6	8	12	18	23	50	52			



NIBL-Korta Engineering Pvt. Ltd.

Regd. Office : Dhannur, 2nd Floor, 15, Sir P.M.Road, Fort, Mumbai - 400 001. INDIA
Phone : +91 2270 4206 | Fax : +91 22 2270 4207

Plant : #163, 10th Main, 3rd Phase, Peenya Industrial Estate, Bangalore 560058
Phone : +91 80 28396422