

AXPB Ball Screw

Features

- High Precision
- Long Service Life
- High Rigidity
- Low Friction & Minimal Temperature rise
- High Efficiency
- Low Backlash & Repeatability
- Easy Maintenance

Typical Applications

1. Drilling and Tapping Machine
2. Precision Carving Machine
3. Tire Building Machine
4. Planer Type Milling Machine
5. Semiconductor Equipment
6. Automation



Production Range

- Shaft diameter(mm): 4~300 mm.
- Single shaft length at max.(mm): 12,000mm
- Butt-jointed shaft length at max.(mm): 22,000mm
- Lead length(mm): 1~80mm
- Shaft diameter lead length ratio at max: 1:3
- Precision level for positioning purpose:
C1, C2, C3, C4, C5, C7
- Precision level for transmission purpose:
T1, T2, T3, T4, T5, T7, T10

Raw Material and Hardness

- Screw shaft: 50CrMo4/Cf53
Raw material and heat treatment from Germany.
- Nut: 20CrMoA/GCr15/GCr15SiMn
- Raceway hardness : 60 ± 2 HRC
- Remark: stainless steel ball screw can be offered upon requirement.