

BALL SCREWS *Hundreds of standard ball screws stocked in Anaheim, CA and ready to ship!*

• Value and Performance

Durable, reliable, and cost-effective ball screws. Significant savings & {] æ^ãÄ Ä c@!Ä ~]] |æ!•!

• Standard and Custom Options

Multiple preloads, accuracies, precision grades, and screw diameters are available. Fill out the Ball Screw Application Sheet on the following page, or [Contact](#) our applications engineers for assistance with selection.



Ball Screws are the perfect solution for applications requiring precise, smooth motion. Ball screw systems are also energy efficient, achieving average efficiencies of 90%, far exceeding the performance of other linear motion products such as linear guides or screw jacks (generally 40% and 25% efficient, respectively). Unlike pneumatic and hydraulic systems, which require pressurization, ball screws require no energy while at standstill, reducing energy consumption and increasing savings while providing accurate positioning.

Anaheim Automation offers a wide variety of both standard and custom ball screw options for you to choose from. Hundreds of standard ball screws are in stock and available for purchase online, making sample orders a breeze. Visit our website for stock status and quantity discount information. Manufacturers with custom ball screw requirements can submit the attached application sheet for help sourcing custom ball screw solutions.

Ball Screw Features:

- Ground and Precision Rolled Ball Screws
- Diameters Ranging from 6mm to 80mm
- Available in Precision Grades of C5 and C7
- Multiple Preload Options
- Up to 22,423 Kgf of Dynamic Linear Force

BALL SCREW SUPPORT UNITS



Easily mount screw shafts into your machine with our ball screw support units.

Our current selection includes fixed-side and supported-side support bearing options for both light and heavy load applications.

Support Unit Features:

- Fixed-Side and Supported-Side Options
- Ball Screw Diameters Ranging from 10mm to 50mm
- Acceptable Input Shaft Diameters Ranging from 6mm to 40mm
- Black Oxide Surface Treatment Protects Against Corrosion



www.anaheimautomation.com

BALL SCREW APPLICATION SHEET

Customize Your Ball Screw! If you have specific requirements, please complete the application sheet below and one of our applications engineers will assist you in creating a custom product perfectly suited to your project.

Customer Information:

Name: _____ Title: _____

Company: _____ Division: _____

Address: _____ M/S: _____

City: _____ State: _____ Zip: _____

E-Mail: _____ Phone: _____ Fax: _____

Current Quantity Requirements: _____

Estimated Annual Requirements: _____

Ball Screw Requirements:

Screw Diameter: _____ mm (6 8 10 12 14 16 20 25 32 40 50 63 80)

Screw Overall Length: _____ mm

Screw Lead (Travel Per Revolution): _____

Nut Series Type (SFK, BSH, SFV, etc.) _____ mm

Preload:

- P0 Freefall P1 Standard/non-freefall

Helix: (Left helix may not be available for certain ball screw types)

- Right Left

Accuracy:

- C10 (Rolled Screw ± 0.007 "/foot) C7 (Rolled Screw ± 0.002 "/foot)
 C5 (Rolled Screw ± 0.001 "/foot)

Does the ball screw need to be machined by Anaheim Automation?

- Yes CAD DRAWING IS REQUIRED SHOWING HOW THE SCREW IS TO BE MACHINED
 No

Please provide any additional details below: