



**CONTACT**

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 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_ Zip: \_\_\_\_\_

**BALL SCREW  
 REQUIRED APPLICATION DATA FORM**

**LOAD**

Total Maximum Payload Mass on Ball Screw: \_\_\_\_\_ kg  
 Total Maximum Maximum Thrust on Ball Screw: \_\_\_\_\_ N or

**TRAVEL**

\_\_\_\_\_ mm Orientation:  vertical  horizontal

**MAXIMUM TRAVEL RATE**

Speed: \_\_\_\_\_ mm/s Maximum Acceleration: \_\_\_\_\_ m/s<sup>2</sup>

**DESIRED LIFE**

Distance per cycle: \_\_\_\_\_ mm (usually twice the travel)  
 Number of cycles per: \_\_\_\_\_ day \_\_\_\_\_ year Desired Life: \_\_\_\_\_ years/km (circle one)

**OPERATION**

Preload:  No Preload ( \_\_\_\_\_ μm allowable backlash)  Light Preload (eliminate backlash)  
 Tension (Med/Heavy Preload, provide spec: \_\_\_\_\_)  
 Lead Accuracy:  C7 - 50μm/300mm  C5 - 18μm/300mm  Other: \_\_\_\_\_ μm/300mm  
 Machined Ends:  Yes  No  Print Attached  
 End Fixity:  Fixed/Simple  Fixed/Free  Simple/Simple  Fixed/Fixed  
 Screw Diameter: \_\_\_\_\_ mm Screw Lead: \_\_\_\_\_ mm  
 Ball Nut Interface:  Flanges  Threaded  Other \_\_\_\_\_  
 Ref. Number: \_\_\_\_\_  
 Environment:  Washdown  Dust/Debris  None

**APPLICATION EXPLANATION**

Briefly describe the application. Provide as many details (environment, temperature, cleanroom, etc.) as possible. Include sketch if available.