

LSI PRECISION GROUND BALL SCREWS | QUOTE REQUEST FORM

Date _____ Address _____
 Company Name _____ City _____ State/Prov. _____
 Contact _____ Country _____ Zip/Postal Code _____
 Quantity _____ Telephone _____ Fax _____
 Email _____

Please use this form to request a quote for a custom ball screw. Fill in as many specification values as possible. If measurement units are different than the options shown, please specify unit of measure.

1. Application Information



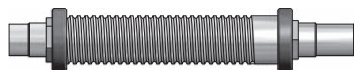
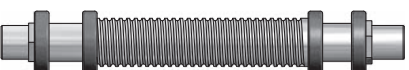
New Design or Replacement Application: New Design Replacement (machine and model: _____)

Linear Velocity: _____ <input type="checkbox"/> in/min <input type="checkbox"/> mm/sec	Input RPM: _____
Maximum Load: _____ <input type="checkbox"/> lbf <input type="checkbox"/> N	Cycle Time: _____ <input type="checkbox"/> min. <input type="checkbox"/> sec.
Equivalent Load: _____ <input type="checkbox"/> lbf <input type="checkbox"/> N	Duty Cycle (%): _____
Maximum Speed: _____ <input type="checkbox"/> ft/min <input type="checkbox"/> m/min	Static Load Rating: _____ <input type="checkbox"/> lbf @ <input type="checkbox"/> N @ 1M inches 1M revolutions
Equivalent Speed: _____ <input type="checkbox"/> ft/min <input type="checkbox"/> m/min	Dynamic Load Rating: _____ <input type="checkbox"/> lbf @ <input type="checkbox"/> N @ 1M inches 1M revolutions
Required Preload: _____ <input type="checkbox"/> lbf <input type="checkbox"/> Ns	Expected Life (L10): _____ <input type="checkbox"/> hours <input type="checkbox"/> revolutions
Required Stiffness: _____ <input type="checkbox"/> lbf/in <input type="checkbox"/> N/mm	

2. Ball Screw and Nut Material

Carbon Steel Stainless Steel Other (please specify) _____

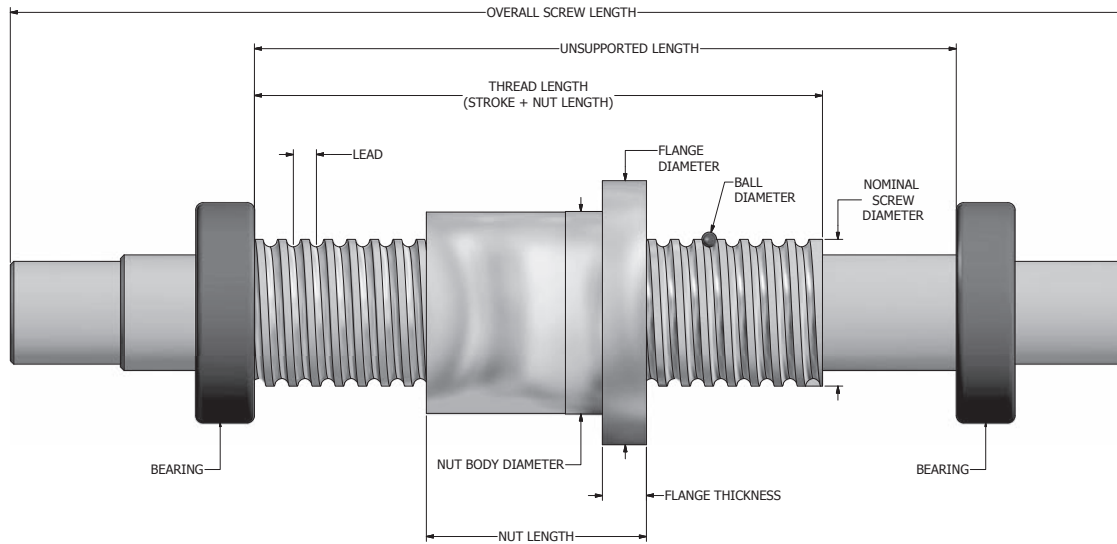
3. Ball Screw Mounting Style

<input type="checkbox"/> Fixed-Free 	<input type="checkbox"/> Fixed-Support 
<input type="checkbox"/> Support-Support 	<input type="checkbox"/> Fixed-Fixed 

4. Ball Screw Protection

For longer life, we recommend a bellows to protect the screw from contaminants.
 Would you like more information on Gortite® bellows? Yes No

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5. Ball Screw and Nut Specifications

Ball Diameter: _____ in mm
 Screw Diameter: _____ in mm
 Lead: _____ in mm

Screw Orientation: Horizontal Vertical

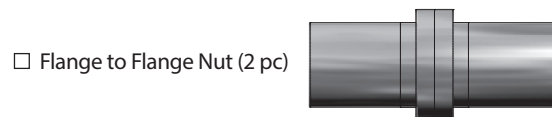
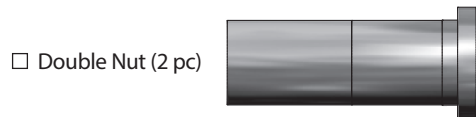
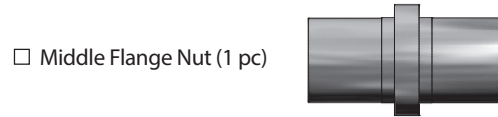
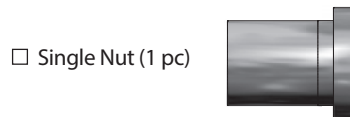
Lead Accuracy: .0002 in/ft or 5 μm/300mm (ANSI C2, DIN/JIS C1)
 .0005 in/ft or 12 μm/300mm (ANSI C5, DIN C3)
 .001 in/ft or 25 μm/300mm (ANSI C7, DIN C5)
 .006 in/ft or 150 μm/300mm (ANSI C8)

Maximum Nut
 Body Diameter: _____ in mm
 Flange Diameter: _____ in mm
 Flange Thickness: _____ in mm

Overall Screw Length: _____ in mm
 Screw Stroke: _____ in mm
 Unsupported Screw Length: _____ in mm

Journal Ends must be specified by customer; please see our website for typical configurations.

6. Ball Nut Style (Note: Internal and external returns can be applied to all styles.)



Ball Return Type: _____ Internal (recommended) External

7. Additional Design Details
