DYNATECT®
DYNAMIC EQUIPMENT PROTECTION

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.

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1. Application Information

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

Linear Velocity:	_____	☐ in/min	☐ mm/sec
Maximum Load:	_____	☐ lbf	☐ N
Equivalent Load:	_____	☐ lbf	☐ N
Maximum Speed:	_____	☐ ft/min	☐ m/min
Equivalent Speed:	_____	☐ ft/min	☐ m/min
Required Preload:	_____	☐ lbf	☐ Ns
Required Stiffness:	_____	☐ lbf/in	☐ N/mm

Input RPM: _____

Cycle Time: _____ ☐ min. ☐ sec.

Duty Cycle (%): _____

Static Load Rating: _____ ☐ lbf @ 1M inches ☐ N @ 1M revolutions

Dynamic Load Rating: _____ ☐ lbf @ 1M inches ☐ N @ 1M revolutions

Expected Life (L10): _____ ☐ hours ☐ revolutions

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2. Ball Screw and Nut Material

☐ Carbon Steel ☐ Stainless Steel ☐ Other (please specify) _____

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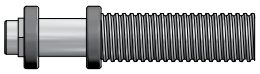
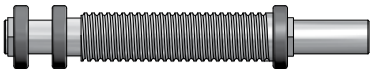
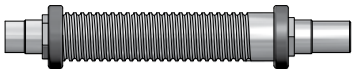
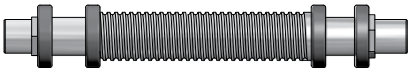
3. Ball Screw Mounting Style

☐ Fixed-Free 

☐ Fixed-Support 

☐ Support-Support 

☐ Fixed-Fixed 

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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

Phone: 262-786-1500 or 800-298-2066 | Fax: 262-786-3280 | Email: sales@dynatect.com | www.dynatect.com

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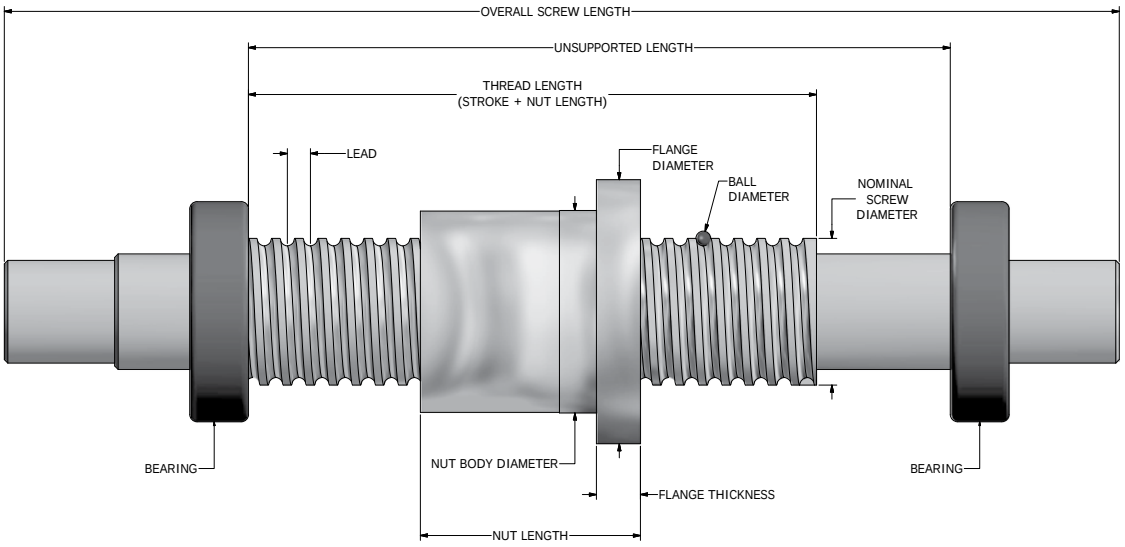


5. Ball Screw and Nut Specifications

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

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)

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

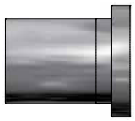
Screw Orientation: ☐ Horizontal ☐ Vertical

Maximum Nut
Body Diameter: _____ ☐ in ☐ mm
Flange Dlameter: _____ ☐ in ☐ mm
Flange Thickness: _____ ☐ 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.)

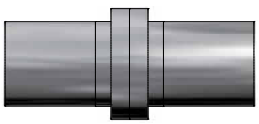
☐ Single Nut (1 pc)



☐ Middle Flange Nut (1 pc)

☐ Double Nut (2 pc)

☐ Flange to Flange Nut (2 pc)



Ball Return Type: _____ ☐ Internal (recommended) ☐ External

7. Additional Design Details

_____

_____

_____

REV11.17