



## REQUIRED APPLICATION DATA FORM

### LOAD

Total Maximum Dynamic Axial Load on Acme Screw: \_\_\_\_\_ pounds force

Total Maximum Static Axial Load on Acme Screw: \_\_\_\_\_ pounds force

### TRAVEL

Inches: \_\_\_\_\_

Orientation:  vertical  horizontal

### TRAVEL RATE

Optimal Speed: \_\_\_\_\_ inches/minute Minimum Acceptable Speed: \_\_\_\_\_ inches/minute

Maximum Acceptable Speed: \_\_\_\_\_ inches/minute

### OPERATION

- |                     |   |  |  |
|---------------------|---|--|--|
| Screw Material:     | <input type="checkbox"/> Alloy Steel                                | <input type="checkbox"/> Stainless Steel           | <input type="checkbox"/> Other:                            |
| Screw Loaded in:    | <input type="checkbox"/> Tension                                    | <input type="checkbox"/> Compression               | <input type="checkbox"/> Both                              |
| Lead Accuracy:      | <input type="checkbox"/> $\pm .004$ "/ft. (Rolled)<br>(.0003 in/in) | <input type="checkbox"/> $\pm .002$ "/ft. (Milled) | <input type="checkbox"/> $\pm .0005$ "/ft.(Ground)         |
| Machined Ends:      |   |  | <input type="checkbox"/> Print attached                    |
| End Fixity:         | <input type="checkbox"/> Fixed/Free                                 | <input type="checkbox"/> Simple/Simple             | <input type="checkbox"/> Fixed/Simple                      |
|                     |   |  | <input type="checkbox"/> Fixed/Fixed                       |
| Esze-Mount™         | <input type="checkbox"/> Double Bearing/Double Bearing              |  | <input type="checkbox"/> Double Bearing/Single Bearing     |
| Nut Material        | <input type="checkbox"/> Helix Bronze                               | <input type="checkbox"/> Plastic                   | <input type="checkbox"/> Other:                            |
| Acme Nut Interface: | <input type="checkbox"/> Standard                                   | <input type="checkbox"/> No-Lash                   | <input type="checkbox"/> Anti-Backlash (Sizes 1/4" - 5/8") |

### APPLICATION EXPLANATION

Please briefly describe the application. State as many details as possible. Include sketch if available.