



Reduce your linear component weight by up to 40% with Thomson 60 Case® LinearRace® 52100 tubular shafting

Thomson 60 Case LinearRace 52100 tubular shafting offers you a unique solution for applications in which weight is a key factor. This shafting can **reduce the weight of linear guide assemblies by as much as 40%**. Beyond weight savings, hollow tubing is great for routing cables and/or hoses.



Using 60 Case LinearRace 52100 tubular shafting with Thomson Ball Bushing® bearings ensures optimal bearing performance and travel life.

60 Case LinearRace 52100 Shafting Features & Benefits

- Made of high-quality, specially developed alloy steel
- Centerless ground for an industry leading cataloged surface finish of 8 Ra max
- Straight within 0.001" per foot cumulative when shipped from the factory
- Can be cut to your specified length
- Available with radial holes drilled and tapped to accept a continuous shaft support rail
- Conditioned for corrosive environments

[Spec the optimal shafting solution using our Online Product Selector](#)

[Configure & quote shafting >](#)

+ education/events

Electrak HD Actuators Website



Electrak HD - Superior Performance

The Electrak HD is a new electric linear actuator platform with onboard electronics which can eliminate the need for standalone controls. Higher power opens a new, wider range of h...

[Learn More >](#)

Linear Guidance Website



Round vs. Square Rail

Yes, you can optimize performance, balance installed costs and extend machine life. All it takes is the right round or profile rail guide. And expert guidance from Thomson. We know...

[Learn More >](#)

Compact Design: Glidescrew Website



High performance, low complexity

Part linear bearing, part lead screw, the Glide Screw™ from Thomson combines the best features of these products into an easy to install, one-part solution. In addition, Thomso...

[Learn More >](#)

Motorized Lead Screws Website



Stepper Motor, Lead Screw, One Product

New motorized lead screws from Thomson combine a hybrid stepper motor and a precision lead screw together in one compact envelope. They offer increased torque density, improved eff...

[Learn More >](#)

Take a deeper dive with Thomson Product Websites

Whether you're researching linear motion components for a machine design, looking to optimize performance or simply want to stay on top of the latest trends, Thomson Product Websites offer everything you need. You'll find literature, application illustrations, how-to videos, 3D modeling and much more.

Websites are available for:

- Electrak HD Actuators
- Linear Guidance
- Miniature Systems & Components
- Glidescrews

- Motorized Lead Screws
- Pneumatic to Electric Conversion
- Actuators: Mobile Off-Highway
- More on the way

[Visit the Thomson Product Websites >](#)

+ applications/tools/products



Real-world case study provides tips for controlling backlash in your design

Being so crucial in the determination of size and selection of a power supply, electric friction braking systems must be factored into machine designs from the get-go.

While this case study, featured in Medical Design Technology magazine, focuses on the use of a Deltran SB Series spring set friction brake in a mammography system design, its learnings can be easily applied to a handful of devices. Water handling systems, conveyors, robotic systems, and rotary and linear actuators also can be fitted with electric brakes to hold their loads in place when the power is off or disrupted.

[Read the full article to learn more >](#)

Share via Social Media:



Share via e-mail:



©2017 Thomson Industries
1500 Mittel Blvd, Wood Dale, IL 60191, USA

[UNSUBSCRIBE](#)

To be completely removed from all Thomson emails, [click here](#).