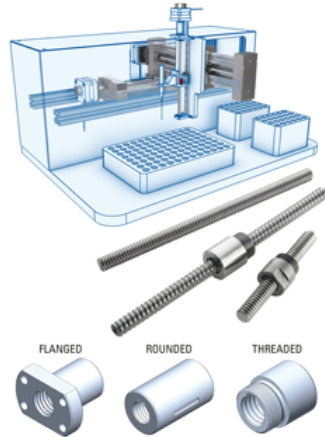




How to Design for Heavy Loads with Miniature Metric Precision Ball Screws



Ideal for laboratory, medical and mechatronics: Thomson's miniature metric ball screws are available in a wide range of standardised diameters (Ø6 mm – Ø14 mm). **Custom sizes, finishes, materials, and more are available** to create truly flexible solutions.

The challenge for OEM engineers is about **designing even more compact** applications that provide smooth, precise movement and don't require compromises in machine performance.

Now that Thomson is offering three styles of mounting interfaces for its miniature metric precision ball screws as standard sizes, **small-space application design options are virtually limitless.**

Joining the family's **threaded** style (TSI) mounting interface are **flanged** (FSI) and **rounded** (RSI) styles, which benefit from a unique multi-liner ball return system that provides **smooth and quiet operation.**

Though small in stature, they have been known to achieve **increased lifecycles** and **twice the load capacity of comparable models** in most sizes.

[Learn more about Miniature Metric Ball Screws >](#)

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Application Engineering And Technical Product Advice

Enjoy some fresh linear motion technology tips this summer

With temperatures rising over the next couple weeks, there's no better time to **stay cool while growing your knowledge** about technology alternatives and the **simplified linear motion component selection** process.

Thomson has authored a wide range of **educational videos, webinars and technical white papers** available at www.thomsonlinear.com:

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