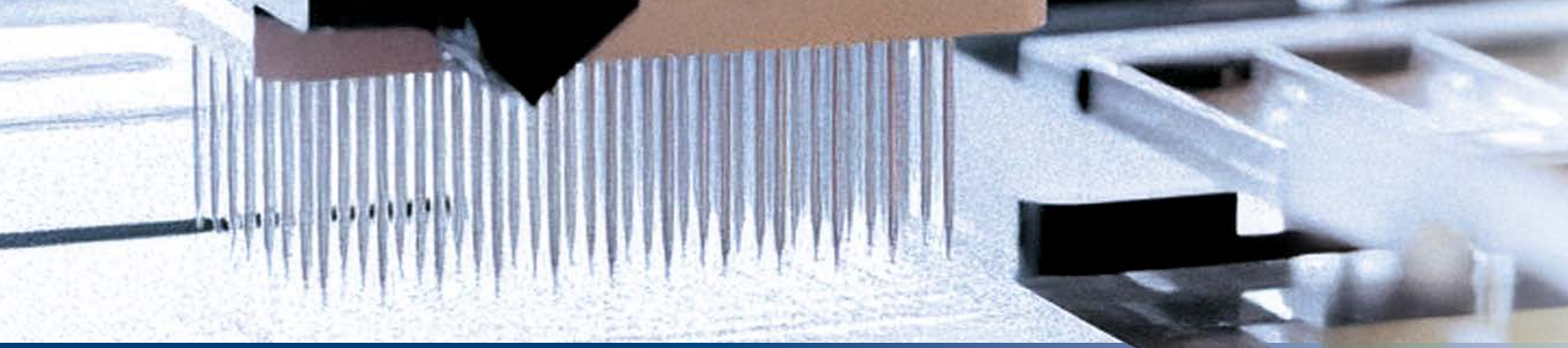




Medical Devices and Laboratory Automation



MEDICAL



DNA Testing



Robotic Surgery



Drug Dispensing



Automated Storage



Fluid Handling



Centrifuges

When Precision is Critical

Helix Linear Technologies is a trusted leader in precision motion solutions, dedicated to advancing innovation in the medical device manufacturing industry. With a proven track record of engineering excellence, we design and produce high-performance lead screws, ball screws, and custom motion components that meet the rigorous demands of healthcare and laboratory applications. Our commitment to quality, customization, and customer service empowers medical device manufacturers to develop cutting-edge technologies that improve lives. At Helix Linear, we don't just provide components—we deliver motion solutions that drive the future of medical innovation.



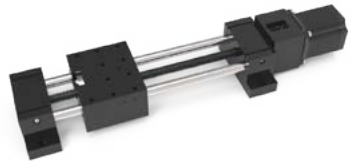
Lead Screws



Ball Screws



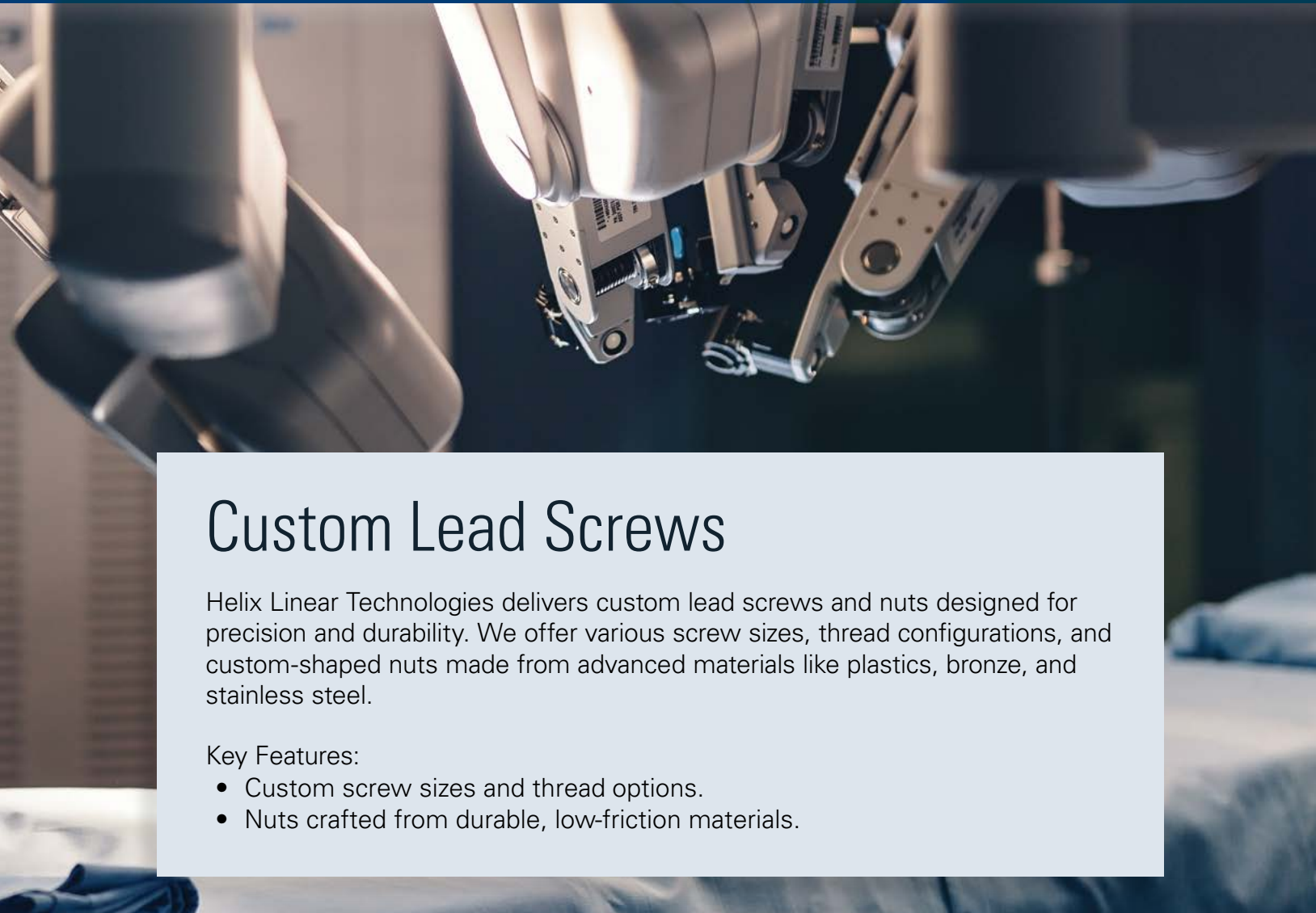
Stepper Motor
Linear Actuator



Linear Stages



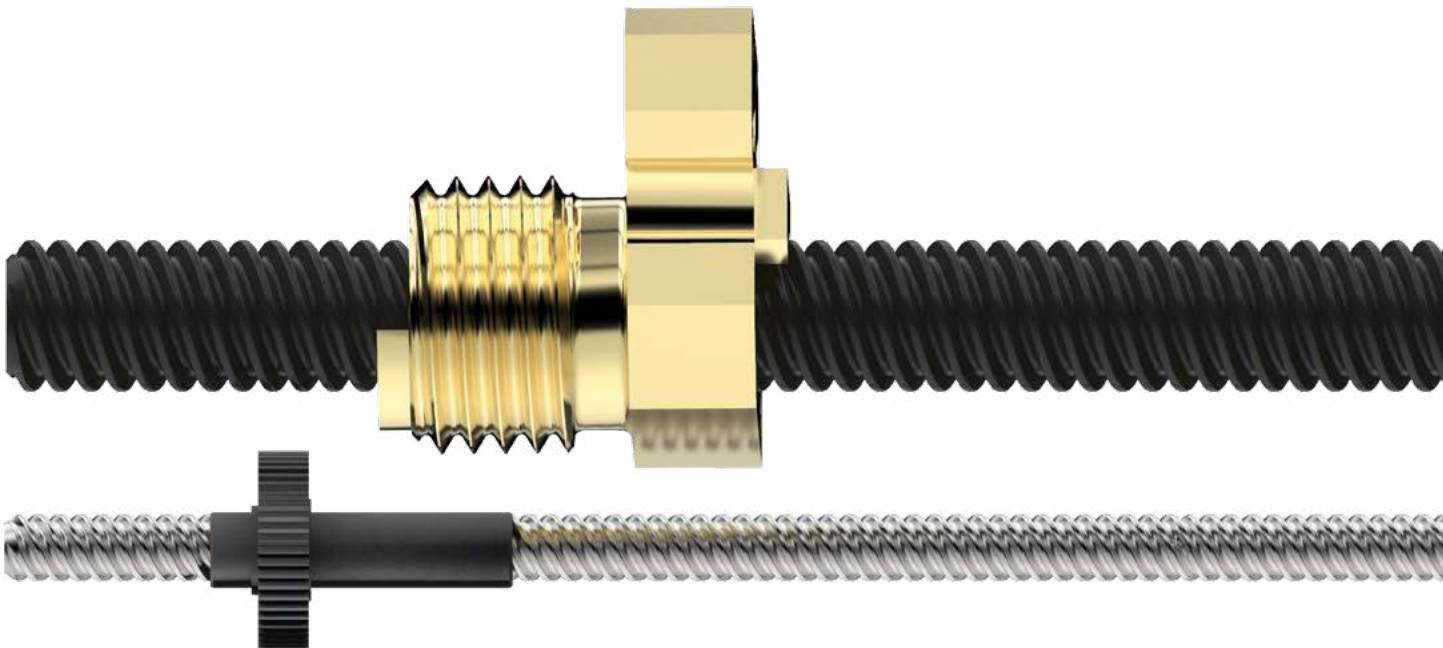
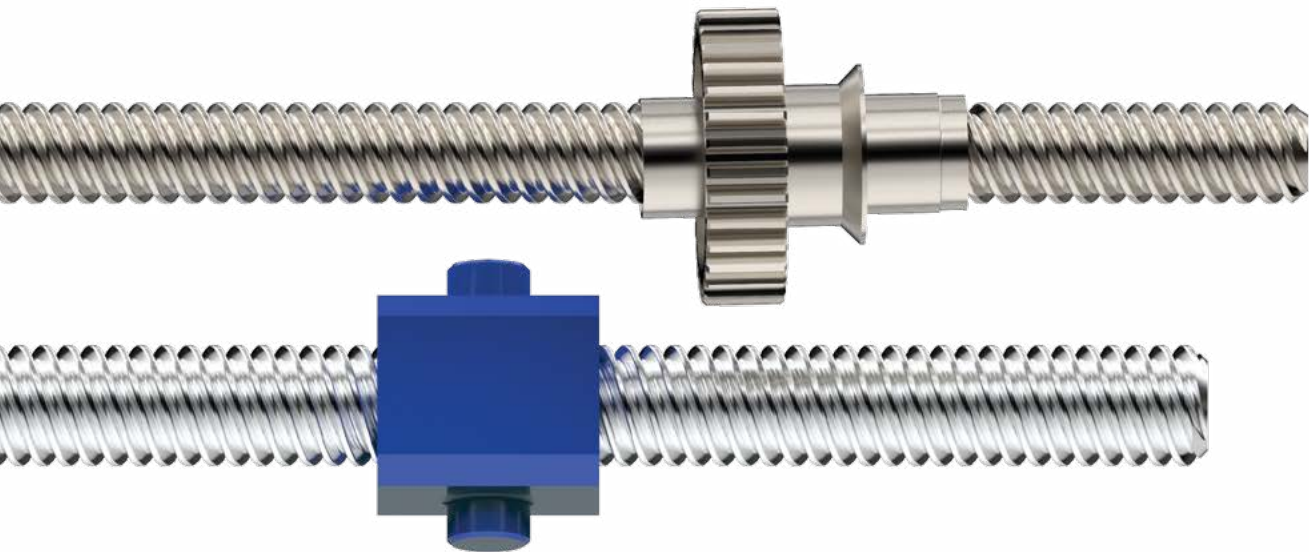
Electric Cylinders



Custom Lead Screws

Helix Linear Technologies delivers custom lead screws and nuts designed for precision and durability. We offer various screw sizes, thread configurations, and custom-shaped nuts made from advanced materials like plastics, bronze, and stainless steel.

- Key Features:
- Custom screw sizes and thread options.
 - Nuts crafted from durable, low-friction materials.





Custom Ball Screws

Helix Linear Technologies manufactures precision ball screws designed for high performance and reliability. We offer custom screw sizes, thread configurations, and custom-shaped ball nuts made from materials like advanced plastics, bronze, and stainless steel to meet your unique requirements.

Key Features:

- Custom screw sizes and thread configurations for tailored solutions.
- Durable, custom-shaped ball nuts for smooth, reliable motion.
- Expertise in high-precision designs and specialized coatings.



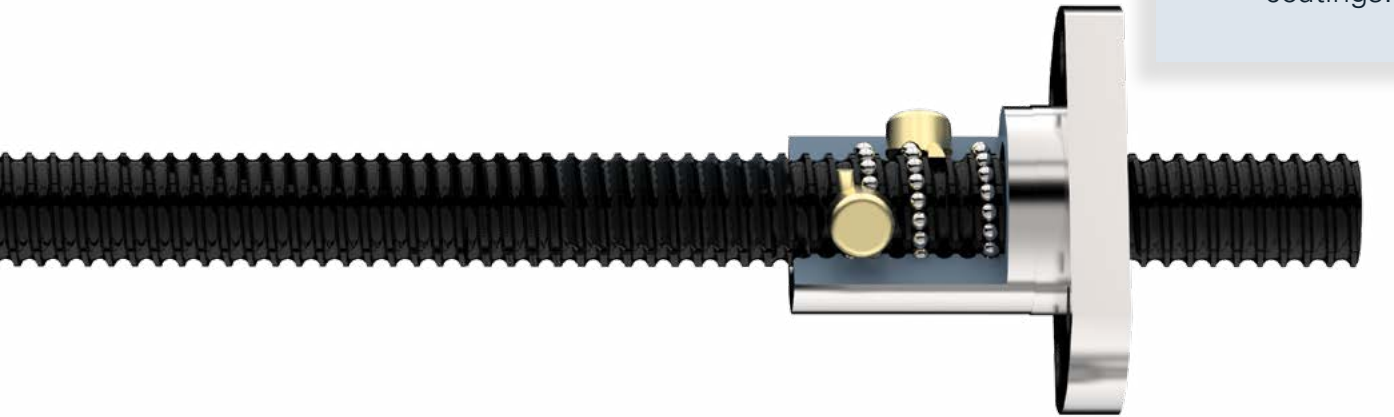
Single Circuit

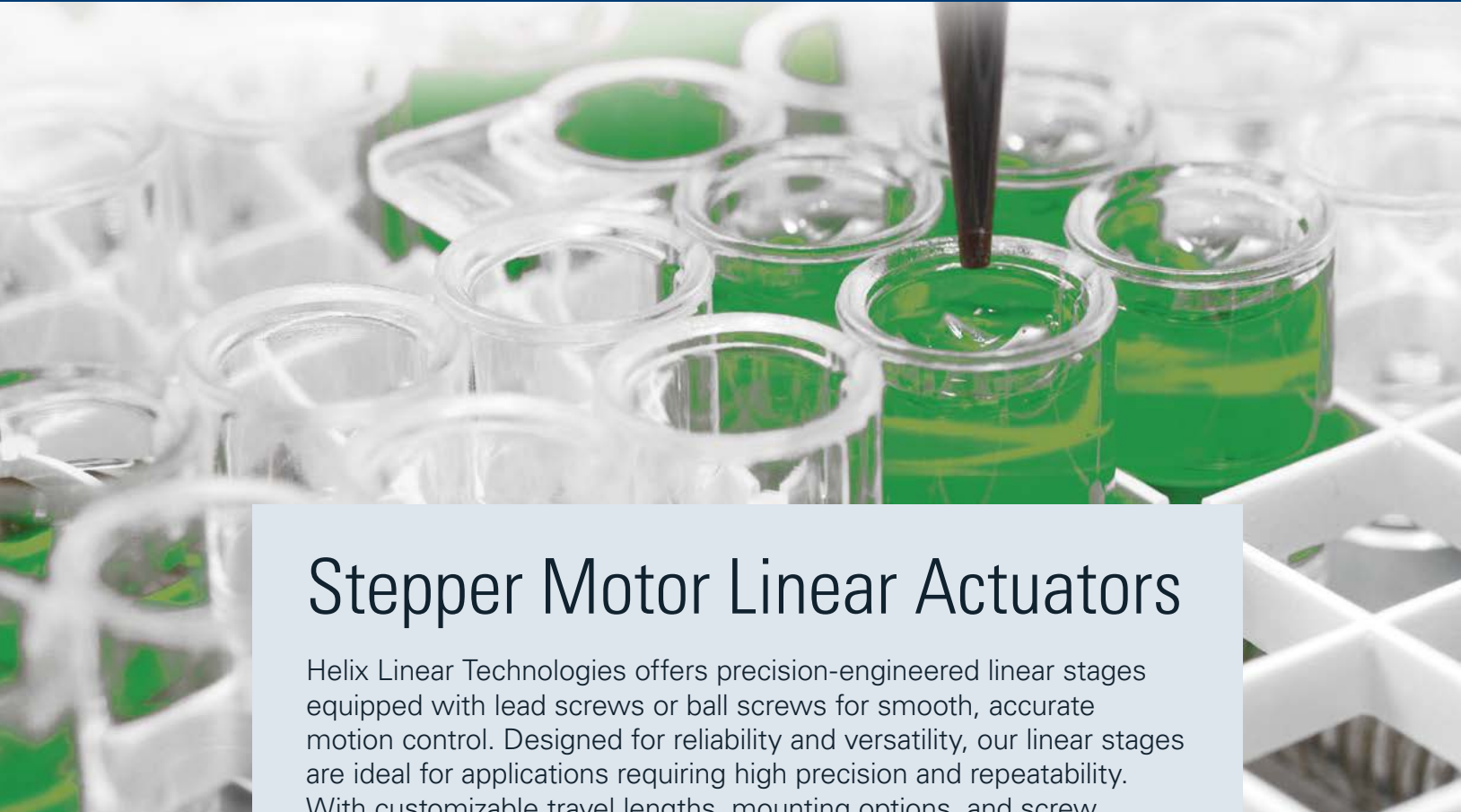


Double Circuit



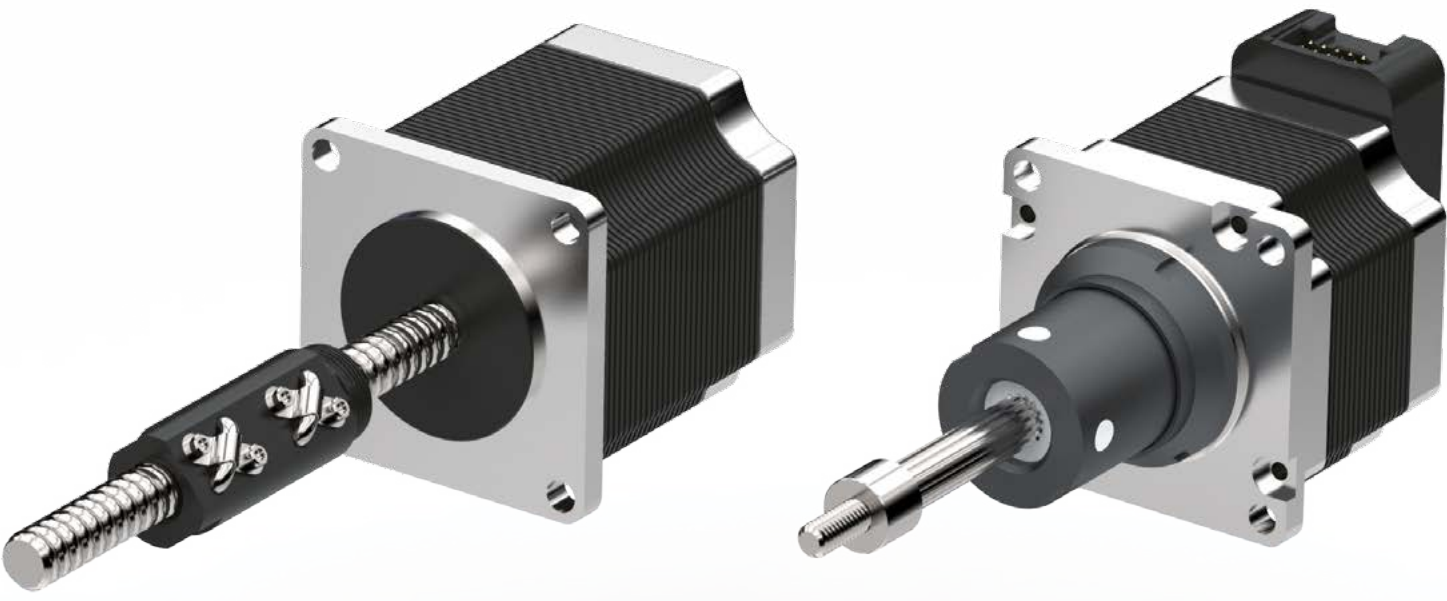
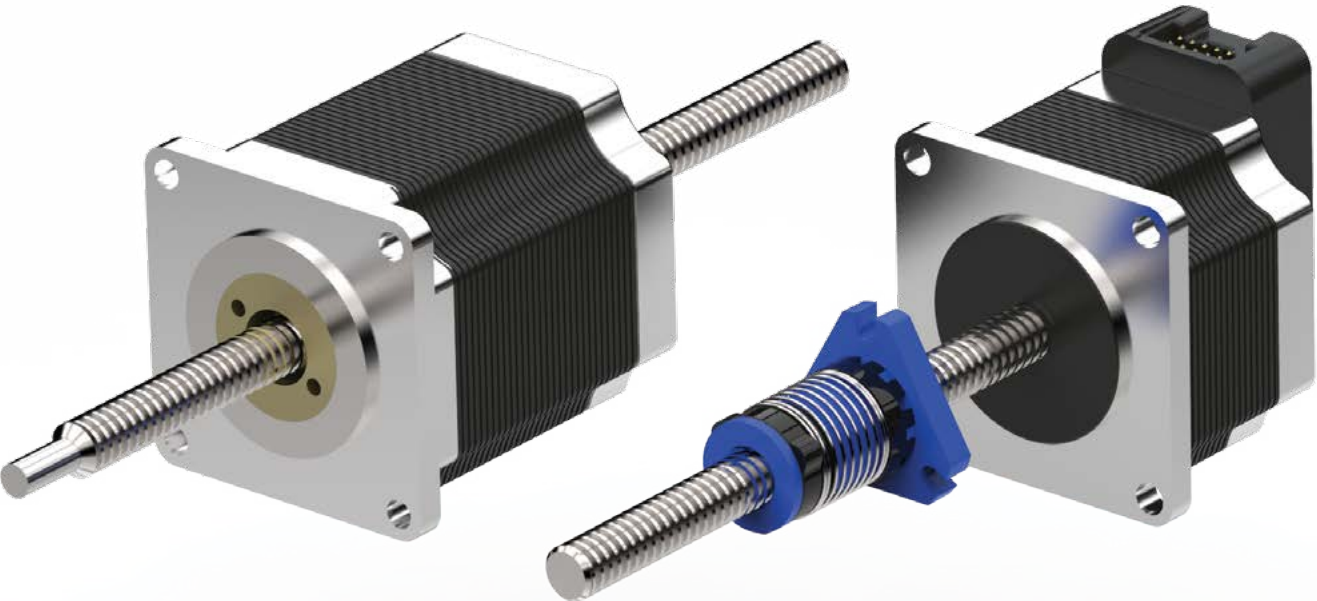
Adjustable Preload





Stepper Motor Linear Actuators

Helix Linear Technologies offers precision-engineered linear stages equipped with lead screws or ball screws for smooth, accurate motion control. Designed for reliability and versatility, our linear stages are ideal for applications requiring high precision and repeatability. With customizable travel lengths, mounting options, and screw configurations, Helix Linear delivers motion solutions that meet the exact needs of your application.



300 Series Linear Stages

Helix Linear Technologies offers high-performance ball screw and lead screw linear stages, designed to provide precision, reliability, and flexibility for a wide range of applications. These linear stages feature:

- **Ball Screw Linear Stages:** Known for their high load capacity, superior accuracy, and smooth operation, they are ideal for demanding applications requiring tight tolerances.
- **Lead Screw Linear Stages:** Offering quiet operation, self-locking capabilities, and customizable designs, they are a cost-effective solution for moderate-load applications.

Engineered with durable materials and customizable configurations, Helix Linear's stages ensure optimal performance in automation, robotics, and medical devices.



Helix Linear Technologies

Helix Linear Technologies was founded in 2011 to meet the growing demand for high-precision lead screws in the electromechanical actuation industry. Our rapid growth and expanded product lines now include end-to-end linear actuator solutions, providing our clients with customized options and fully integrated solutions.



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