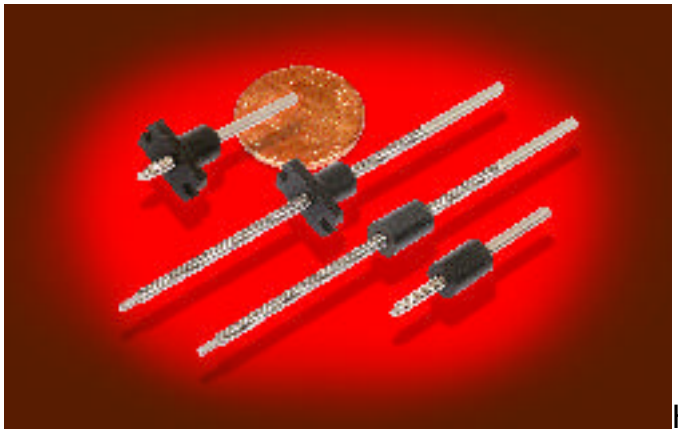
Micro Series Lead Screws Enable Miniaturization



Haydon Kerk Motion Solutions proudly introduces their Kerk Micro Series lead screw assemblies. The company has applied its experience and knowledge of precision thread rolling to a new range of micro-sized lead screws. Standard configurations include 2.0 mm diameter screws with leads ranging from 0.3 to 2.0 mm per revolution and a variety of nut configurations of self-lubricating acetal and Kerkite high performance composite polymers.
This product line is an enabling technology, opening up a new range of designs. The Micro Series allows the miniaturization of products, reduced power consumption, and weight reduction without sacrificing performance or reliability. Developed in response to growing demands in many markets, Haydon Kerk has offered micro screws on a custom basis for more than 10 years. Now, with the introduction of the Micro Series, anyone can take advantage of standard designs, existing tooling, and quick delivery to bring their products to market swiftly and cost effectively.

The Kerk Micro Series lead screws are available as stand-alone components or integrated into the high performance Haydon linear actuators. Manufactured of premium grade 303 stainless steel, Kerk Micro Series lead screw assemblies provide exceptional performance, long life, and require no maintenance. High accuracy threads with superior uniformity deliver precise motion and reduce noise and vibration. Optional Kerkote TFE coating, an exclusive dry lubricant, extends nut life while reducing friction and drive torque requirements.

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