

Welcome to where precision is.



Ball Screws for Aerospace Applications



BALL SCREW DRIVES FOR AEROSPACE APPLICATIONS

Steinmeyer develops customized solutions for many applications in the aerospace industry. The focus during the entire development right up to the start of production is the close customer relationship. Already the first contacts were conducted in close cooperation between the customer and the aerospace team of Steinmeyer. This ensures that the initial designs are already close to the customer's needs. Through a regular exchange of information, reliable and customer-specific products are developed. After a joint qualification of the components, approval is made for serial production, according to industry standards. Quality during the entire process from the request for the production of the first ball screw drive and beyond is ensured by implementing a EN9100-certified QM system.

In addition to more than 50 years of experience in the development and manufacture of ball screw drives, Steinmeyer has been developing and manufacturing special ball screw drives for various aerospace applications for 10 years. The fulfillment of the additional requirements of this sector was built through a long-term development phase. Meanwhile, Steinmeyer has extensive experience in Aerospace and has established itself in the market.

A brief overview of the possibilities of Steinmeyer Aerospace:

- Built-to-print: Production of existing programs according to the present designs.
Short-term realization of your needs.

- Built-to-spec: Reliable partner in the development, design and manufacture of ball screws according to your specifications.

- Engineering services in the field of design and development of ball screw drives.
Support of the qualification process.

On the following pages you will find an overview of the different product groups of Steinmeyer Aerospace.



BALL SCREW DRIVES FOR APPLICATIONS IN FLAP ACTUATORS



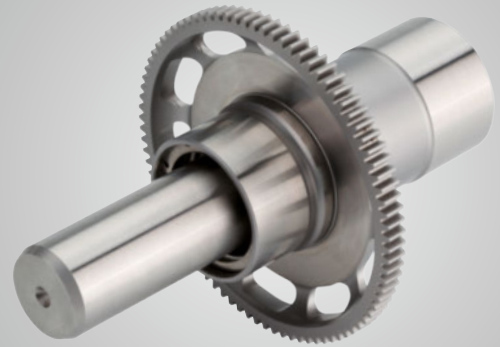
For actuators in various flap applications, Steinmeyer Aerospace offers a wide range of ball screw drives. Already realized and tested in the series have been used for many years and are characterized by different characteristics. These include specific solutions with spherical suspension, with gimbal suspension, and modular systems.

BALL SCREWS FOR APPLICATIONS IN ELECTROMECHANICAL ACTUATORS



For various other actuators in aviation applications, Steinmeyer can draw on a broad spectrum of products. Various applications such as solutions for air-conditioning, cost-optimized solutions for electromechanical actuators or door actuators.

BALL SCREW DRIVES FOR APPLICATIONS IN ACTUATORS FOR BRAKING SYSTEMS



In the field of ball screw drives for brake actuators, Steinmeyer has already implemented several products. The focus here is on the development of specific solutions with extremely high load capacity, optimized solutions with minimized installation space as well as customer-specific designs.

BALL SCREWS FOR APPLICATIONS IN THE AEROSPACE AND UNMANNED AIR VEHICLES



Steinmeyer is also a reliable partner in the field of space travel. We offer titanium versions in the field of space travel and ball screw drives for the control of missiles and for unmanned missiles.