



FISCHER USA, Inc.  
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## Mechanical Design Engineer

Leads projects related to the design, implementation, testing, sale, and use of High Speed Spindle (HSS) systems within FISCHER USA. This individual is expected to be a primary resource for information related to spindles, drives, and other related accessories and their application interface.

- ◆ Design or modify design of HSS systems for customer applications.
- ◆ Provide manufacturing and outside suppliers with technical support and documentation necessary to produce, test, and repair complex HSS products. Recommend or conduct technical training as required.
- ◆ Train and supervise engineering support staff and/or other engineers.
- ◆ Act as lead technical resource for service personnel and sales force, assisting in addressing and resolving problems, training, customer support, demonstrations and trade shows.
- ◆ Suggest ideas for new products and procedures. redesign standard systems, improving quality and productivity, while reducing costs.
- ◆ Evaluate and select product components such as bearings, motors, controls and related parts for HSS.
- ◆ Participate on cross-functional teams to address and resolve manufacturing, design and quality problems, and ensure the continuous, on-going improvement of processes and methods. Stay current in new developments in the industry.
- ◆ Troubleshoot and repair electrical/mechanical devices or train and assist others in performing such work.
- ◆ Program and maintain design layouts and files in the computerized system.

### What makes a FISCHER USA Mechanical Design Engineer Successful?

- ◆ A Bachelor's degree in Mechanical Engineering and quality related experience with high speed rotational devices, precision manufacturing, or industrial machine tools.
- ◆ Must have demonstrated project management experience or training and proficient in the use of CAD software (experience with NX and/ or Co-Create is a plus).
- ◆ Exemplary problem-solving skills; able to identify problems and implement corrective processes
- ◆ Strong communication, interpersonal, and presentation skills

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