

SOLON® BELLEVILLE SPRINGS LIVE LOADING DESIGN ANALYSIS



What can you expect from a LIVE LOADING DESIGN ANALYSIS?

A detailed APPLICATION REVIEW will help us to understand your requirements. We will ask both basic application questions as well as questions unique to your situation, including:

- Is this a new project?
- What is the bolt size?
- What is the bolt material?
- What is your aim preload/torque?
- What is the application (how will the product be used)?
- What is the environment?
- What is the temperature?

What next?

A COMPREHENSIVE RISK ANALYSIS is conducted based on the information provided, including:

- An analysis of materials used
- Analysis of risk vs. cost tradeoffs: different design arrangements, materials, coatings, and how to mitigate risks associated with environmental and/or application issues

Solon will IDENTIFY and COMMUNICATE recommendations with evidence and justification for those recommendations, such as:

- Springs and spring arrangements
- Assembly techniques
- Best practices for live-loading design
- Cost-saving opportunities

Ultimately, we can provide you with an optimized solution to increase the value of your design.

...and beyond?

In addition, Solon provides training and education on live-loading from the design/concept phase through installation as well as aftermarket support.

Call 800.323.9717 to discuss a LIVE LOADING DESIGN ANALYSIS.

