

# JOINT RELIABILITY SOFTWARE

*Improve the reliability of your bolted  
flange joint connections*



# EFFORTLESS. TRANSPARENT. UNDERSTANDABLE. RELIABLE.

## Streamline Your Engineering Calculations

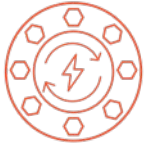
The industry is quickly setting standardized requirements for performing ASME PCC-1 and WRC 538 calculations. The HT Joint Reliability Software is based on the Fastened platform, a fast and effective solution to ensure compliance while offering the flexibility to customize according to specific needs.



## Why Fastened?



**Trusted Partner** – End users expect quality bolting, and that starts with proper joint calculations. Your customers will know you can be trusted to provide them a reliable bolting operation.



**Increased Efficiency** – Get rid of spreadsheets, manual entries, and report creation. Let the HT Joint Reliability Software do it for you. Go from start to report generation in under 2 minutes for any standard calculation.



**Minimize Leakage** – Easily track all of your joints to ensure they are properly accounted for and tightened per ASME PCC-1 standards. This reduces the risk of leakage by maintaining consistent and reliable joint integrity.



**Reduce Spend** – Regularly meeting client expectations by getting your joint calculation externally is costly. Perform them yourself at a fraction of the cost - unlimited times.

## Industry-Standard Security Measures for Maximum Data Protection

The HT Joint Reliability Software, powered by Fastened, is built with advanced security measures to keep your data secure, including SSL encryption for data in transit and AES 256-bit encryption for data at rest. The platform enforces strict access controls and regular data backups to ensure continuity. Hosted on Amazon Web Services (AWS), it benefits from 24/7 monitoring, threat protection, and up-to-date security patches. Regular security audits, penetration testing, and scalable architecture ensure high availability, reliability, and optimal performance.



# REVOLUTIONIZING JOINT MANAGEMENT

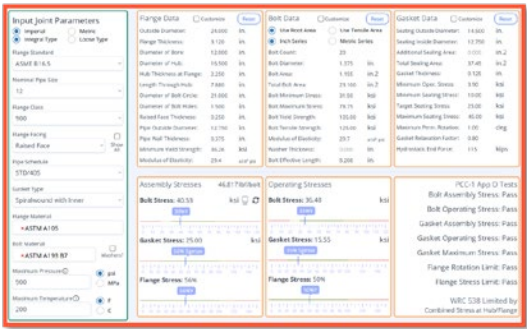
**Experience cutting-edge computation and management tools tailored for the industrial sector.**

The HT Joint Reliability Software from Fastened is a powerful tool designed to streamline the management and calculation of both standard and custom bolted flange joints. With this intuitive application, customers can easily perform precise calculations, ensuring optimal joint performance and safety. The software provides a secure environment to manage bolted flange joints throughout their entire lifecycle, offering seamless tracking, maintenance, and compliance features, all while ensuring peace of mind with robust data protection.

## Joint Calculator

Achieve precise results with our Advanced Calculations, aligning with ASME and WRC standards.

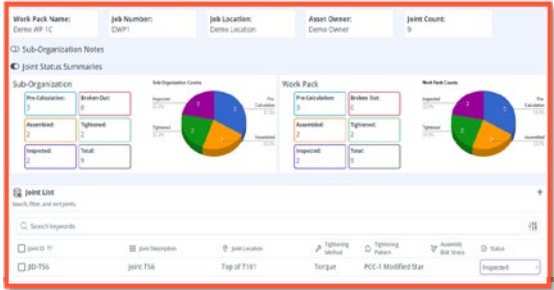
- Select the joint data from the extensive library or enter your own.
- Instantly perform stress calculations per ASME PCC-1 and WRC 538, with the ability to view all engineering calculations performed
- Perform torque and tension calculations using the ASME PCC-1 principles.



## Joint Manager

Manage bolted flange joints through their lifecycle with joint tracking, QR codes, and multiple categorization levels.

- Create linked pins on images
- Create QR codes linked to the joint
- Import and export data
- Regulate access and permissions



## Joint Tightening

Utilize our extensive library of patterns, tools, and lubricants to create precise tightening procedures.

- Save and edit joints
- Upload and markup attachments
- Track individual Joint Status
- Export Joint Tightening Sheets
- Download Joint and Work Pack Data



## Ready to see the HT Joint Calculation software in action?

Contact us today to schedule a personalized demo of the HT Joint Reliability Software powered by Fastened and explore its powerful features firsthand. Our team is also happy to provide details about our flexible annual subscription plans, designed to suit your business needs. Reach out now to take the next step towards optimizing your joint management process!



## RELATED PRODUCTS



**Torque Wrenches**



**Flange Spreaders**



**Torque Wrench Pump**

### Essential Products for Enhanced Joint Management

To complement the HT Joint Reliability Software from Fastened, we offer a range of high-quality tools designed to enhance your bolted joint operations. Our Hydraulic Torque Wrenches ensure precise and consistent torque application, while Flange Spreaders make flange separation easy and safe. Additionally, our reliable Hydraulic Pumps provide the power needed for efficient operation of these tools, all working seamlessly to improve your joint management workflow.

## CUSTOMER SERVICE & SUPPORT

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