

Tightening Services

Tightening experts by your side

Atlas Copco



Consulting solutions to optimize tightening strategy

Optimize the tightening strategy from the design phase to full production, based on joint analyses performed by our tightening experts in our specially equipped laboratories. Accelerate the sustainable growth of your business by shortening time-to-market and increasing first-time quality.



Development

Right from the start

Set up the right joint design to ensure correct tightening performance, reducing costs and improving first-time quality.

What do you get?

- Joint design according to engineering specifications
- Tool specification and recommendation on tightening systems
- Tightening Development report
- Optional: Field implementation



Optimization

Stabilize your process

Boost your joint quality and production with optimized tightening programs and error-proofing solutions to reveal risks.

What do you get?

- Evaluation on error-proofing of the process
- Monitoring set-up and parameter optimization based on system capabilities
- Tightening Optimization report
- Optional: Field implementation



Quality

Protect your joint integrity

Increase your tightening quality in a timely and efficient manner, reducing investigation time in case of failures.

What do you get?

- Comprehensive analysis of joint failures, including physical parameters and influencing factors of the process
- Tightening Quality report
- Optional: Field implementation & proactive monitoring solutions

R&D

Prototype

Pilot

SOP

Full production

Best if combined with

Focus on performance



Training

Unlock the full potential of your operations with our training programs. Our experts in tightening technique and advanced joining solutions will empower you to enhance your processes and boost your performance.

Take care of your tools



ToolCover

Get maximum value and longevity from your tools with our preventive maintenance plans. Our modular product line is customizable to meet your unique needs. Invest in the long-term success of your operations.

Proactively optimize processes



ALTURE Optimize

A data-driven solution that proactively monitors your production quality. ALTURE Optimize provides real-time information and recommendations via mobile app push notifications, right in the palm of your hand.

We are the service partner for all Atlas Copco assembly technologies:



Tightening



Self-pierce
riveting



Dispensing



Flow-drill
fastening

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