

Silent Tools™ turning adaptors

Next-gen vibration
elimination





SANDVIK
Coromant
Silent Tools™

Unlocking the power of next-gen vibration elimination

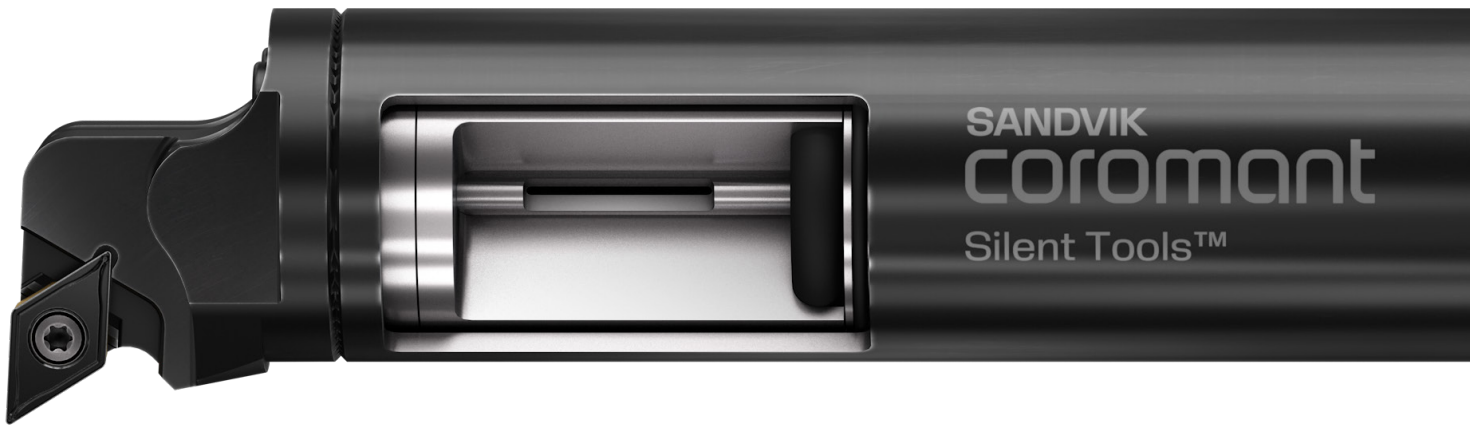
Introducing the next generation of Silent Tools™ turning adaptors, enabling unmatched performance in internal turning operations.

In high-precision internal turning, vibrations are a common cause of interruption — especially at long overhangs. With Silent Tools™ damped turning adaptors, vibrations are kept to a minimum, increasing safety and productivity.

Fine-tuned to perfection

Thanks to a substantial upgrade of the damping mechanism, Silent Tools™ turning adaptors are more efficient than ever at countering vibration forces at long overhangs.

- The damper body used to require manual fine-tuning, but is now calibrated and assembled automatically by a machine
- This automation results in a highly precise and predictable frequency area, perfectly matched to the adaptor's intended overhang and application



37 of our Silent Tools™ cylindrical turning adaptors (Ø32–100 mm and Ø1 ¼–4 inch) have been updated with the new damping mechanism.

Tool Status Checker: securing optimal accuracy and tool health

Improve set-up accuracy and ensure optimal tool health with the Tool Status Checker digital device, designed for seamless monitoring of Silent Tools™ turning adaptors on a Windows tablet or computer.

- Ensure repeatability and machining accuracy with the centre height setting feature
- The temperature monitoring feature makes sure that the adaptor is working within its specified temperature range
- Before machining, perform a tap test using the included hammer to receive a go or no-go result directly in the software



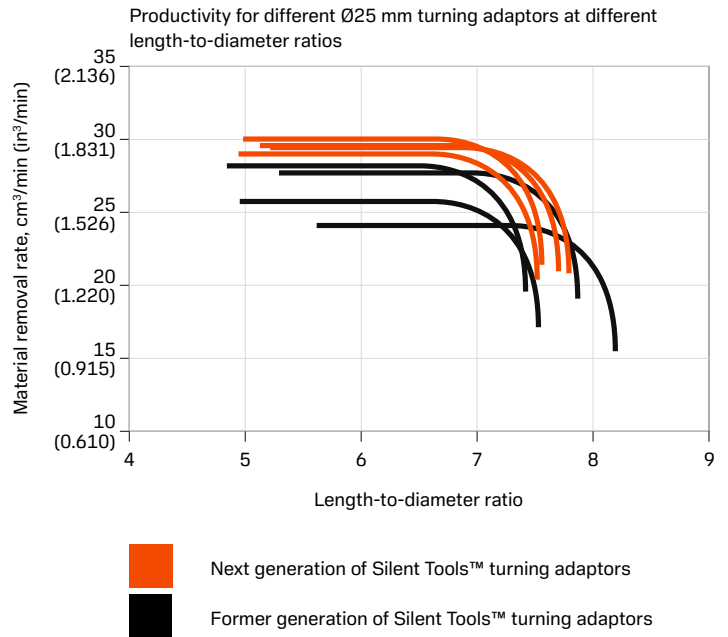
Features

- Advanced damping system within the tool body, upgraded with all the newest features within damping technology
- Vibrations are absorbed by a heavy-metal body, supported by rubber rings and damping fluid (oil)
- Pre-tuned to the correct frequency in relation to the tool length
- Through-coolant capability up to 80 bar (1160 PSI)
- Streamlined set-up, increased machining repeatability and tool-health monitoring with digital device Tool Status Checker



Benefits

- A world-class damped product, upgraded with all the latest features within damping technology
- Safer machining at long overhangs with reduced risk for interruptions and incidents
- Improved surface finish
- Increased productivity through the ability to raise the feed rate while maintaining stability
- Reduced cost per component
- Significantly more consistent performance across different length-to-diameter ratios when compared to the former generation of Silent Tools™ turning adaptors



Learn more about the next generation of Silent Tools™ turning adaptors:
www.sandvik.coromant.com/silent-tools-turning



Authorized distributor

