

# QS™ Micro holding system Streamlining small part machining



# Small part machining made easy

Need to boost your small part manufacturing?  
The new quick-change QS™ Micro holding system  
is a game-changer.

This modular miracle delivers unprecedented  
precision in sliding head machines. It achieves  
this without compromising process security, thanks to  
its rigid holding mechanism that minimizes vibrations.

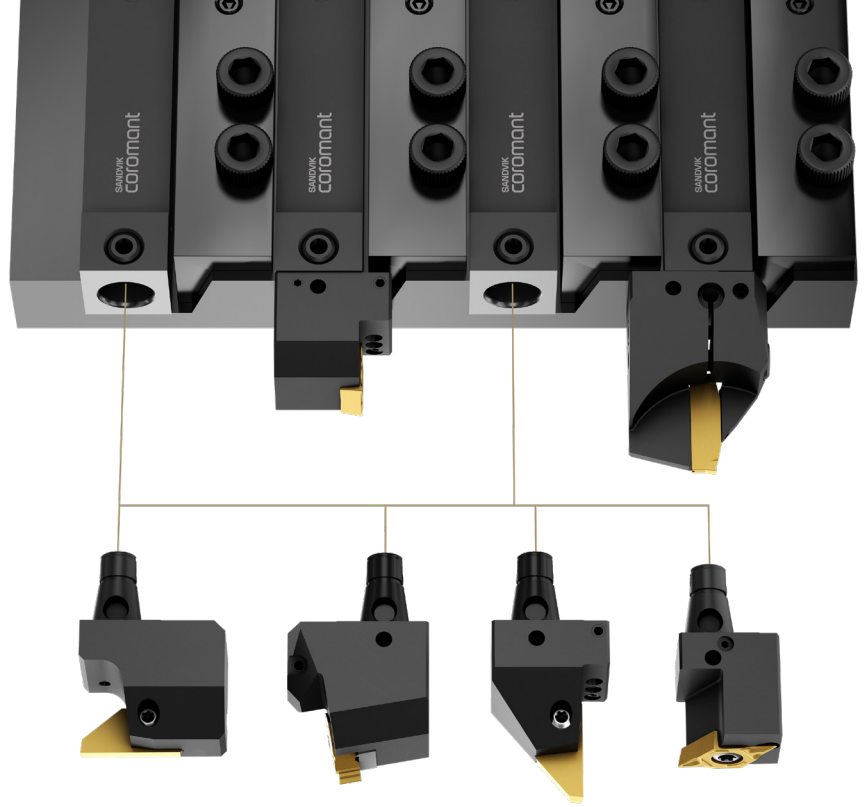
Furthermore, the high indexing precision guarantees  
exceptional accuracy and repeatability across various  
operations.



# Tailored set-ups through modular magic

With its extensive range of cutting heads and shank adaptors, QS™ Micro offers a multitude of configurations. The simple set-up and quick tool changes maximize machine utilization, increasing productivity.

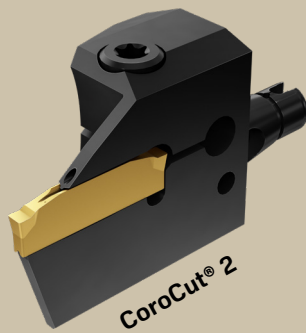
The cutting heads are easily fitted into the adaptors and changed outside the machine for minimum hassle.



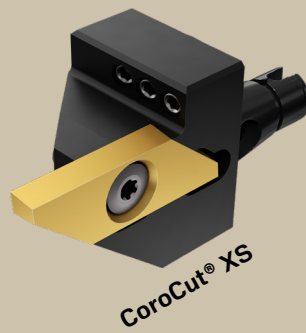
## One interface, four cutting head families



CoroTurn® 107



CoroCut® 2



CoroCut® XS



CoroThread® 266

### For turning

- Optimized for external turning of slender components
- Sharp cutting edges and excellent chip control ensure a soft cutting action and low cutting forces, providing an exceptional surface finish

### Parting off and grooving

- Brings a new level of process security and productivity to your machining
- With this versatile tool concept, you'll get the stability you need while keeping your cost per component down and your metal cutting efficiency up.

### For turning, parting off, grooving and threading

- Tangentially mounted system for precision machining in sliding head machines and lathes
- The extremely sharp cutting edges perform best at low feeds.

### For threading

- First choice for external thread turning
- Wide standard assortment of thread profiles with dedicated grades and geometries for all materials

## Y-axis machining – for process improvements

CoroTurn® 107 and CoroCut® XS provide cutting heads designed for Y-axis machining, offering benefits such as:

- Higher stability
- Improved chip evacuation



## Precision matters

Efficient chip control is crucial in small part machining. Chip smearing can significantly impact the intricacy of the machined parts. Effective chip evacuation is therefore critical.

All QS™ Micro shank adaptors provide through coolant functionality, allowing for easy coolant connection to the cutting heads. The precision coolant is delivered directly to the insert, resulting in exceptional chip control, extended tool life and increased productivity.

## Features and benefits

- Tool modularity
- Quick-change solution for easy handling and reduced machine down time
- High indexing precision (+/- 3µm) ensures superior component quality
- High levels of security and repeatability thanks to the rigidity of the holding mechanism
- Through coolant (simple to connect precision coolant in the cutting heads) for improved chip breaking and higher productivity

Learn more about the QS™ Micro holding system:  
[sandvik.coromant.com/qsmicro](https://sandvik.coromant.com/qsmicro)



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