

OUR MISSION

Tooling systems and application consulting for the milling of complex 2.5 and 3D geometries



 **pokolm**
PREMIUMTOOLS. WE KNOW HOW.

WHO WE ARE

Pokolm Frästechnik GmbH & Co. KG stands for the development and manufacture of innovative, high-quality tooling systems and for competence in application consulting for the milling of complex geometries.

The company is qualified for the tool and mould making industry as well as the metal processing industry as an internationally oriented and reliable partner with comprehensive service.

Founded in 1994, the company now has about one hundred employees. POKOLM, with its head office located in Harsewinkel in East Westphalia, is known as a reliable employer and as a modern training organisation. At the same time, the certainty of solid and steady growth characterises the future of the company.



The focus for the owners and company management of our mid-sized company is placed on long-term corporate perspectives.

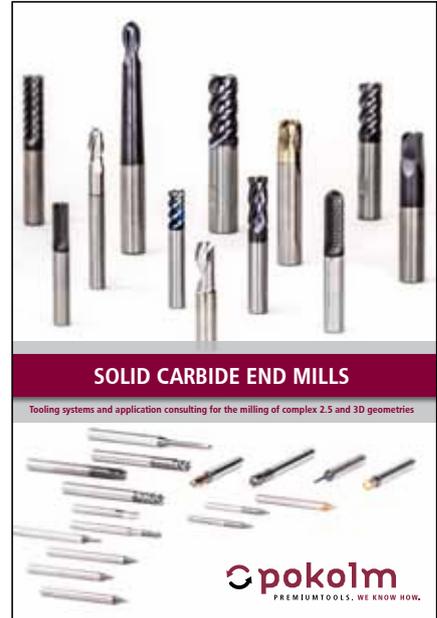
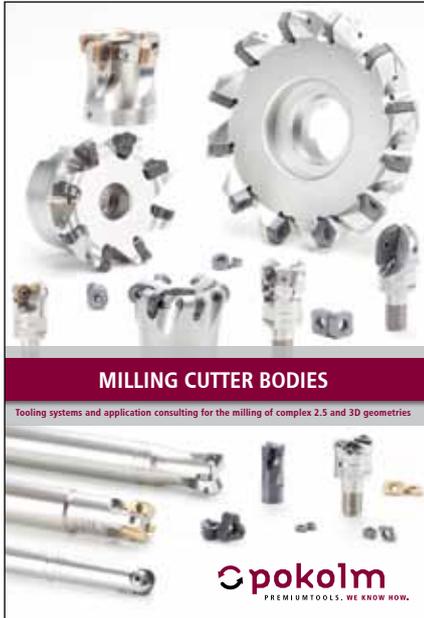
F.-J. Pokolm (Owner and Founder)

OUR PROFESSION

Tooling systems and application consulting for milling complex 2.5 and 3D geometries



DIVERSITY IN THE HIGHEST QUALITY



The intelligent POKOLM tooling system is composed of milling cutter bodies, arbors and adapters and solid carbide end mills. Perfectly designed spindle systems and shrinking devices perfectly round off the range as useful supplements.

Through our own development and manufacturing, all products are ideally matched to each other and can be compiled into more than 500,000 options. That makes the POKOLM product range the best-possible combination for any application.

Close cooperation with leading machine and control manufacturers in the milling technology sector is another guarantee that our tooling systems always harmonise perfectly with the latest technologies.

Supplementation with competent consulting by our technical field service, first class service, a comprehensive range of accessories and training courses for our customers in the POKOLM Academy creates a unique, full-service concept.



EFFICIENCY FOR HIGHER PROFITABILITY

We develop comprehensive concepts and solutions for specific customer problems and tasks. At the same time, our technical field service is the key to the success of the customer. Our field service has extensive, up-to-date expertise and

it has mastered the latest milling strategies. Moreover, it understands the typical needs of the many different sectors.

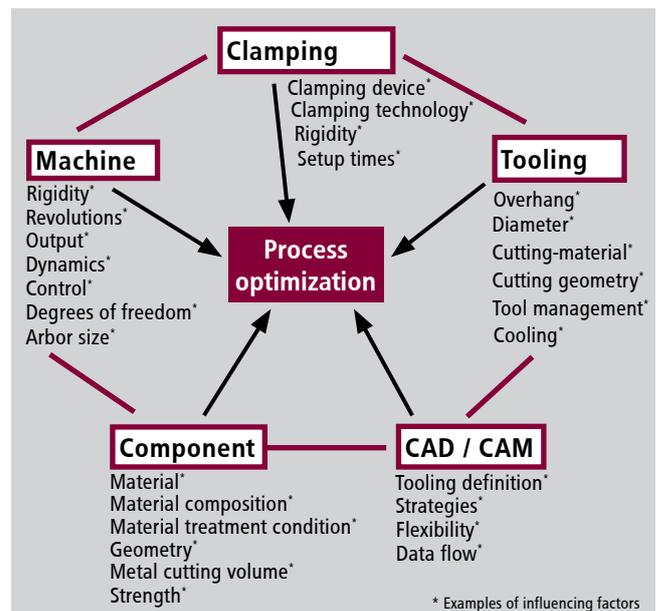
Milling strategy consulting

Here the focus is placed on the customer's concrete process application. Our application engineers are trained in how to develop a tool and volume optimized solution that goes easy on the machines. The end result is the perfect milling strategy for every single customer-specific requirement.



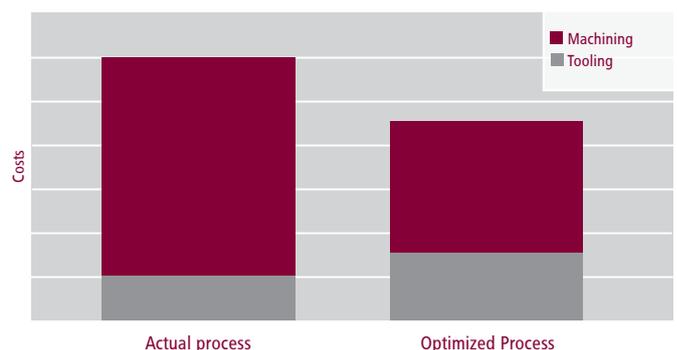
Process optimization

During process optimization, we consider the entire manufacturing process of the customer, analyse existing processes, discover opportunities for optimization and develop new approaches. After all, holding your own in today's market is only possible with creative, highly developed manufacturing processes.



The goal: Cost reduction

Whether milling-strategy consulting or process optimization: the result is always lowering costs and increasing customer productivity – that is what inspires us and motivates us every day.



A SUCCESS STORY – MILESTONES IN MILLING TECHNOLOGY

Many POKOLM innovations, nowadays considered the standard in milling technology, have decisively shaped their evolution.

For instance the introduction of milling cutter bodies and inserts in **metric dimensions**, while common today, has considerably simplified the calculation of relevant values.

In addition, the **embedded insert seat**, which has in the meantime become the standard, is a design characteristic that is attributable to the innovative power of POKOLM Frästechnik.

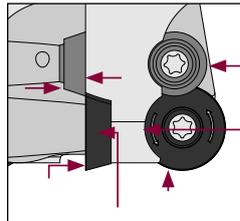
The patented **DUOPLUG®** system is considered the industry's perfect shrink/thread connection between the tool and the arbor, with high concentricity and significantly increased retention forces.

One current milestone in milling technology is the **SPINWORX®** time-saving tooling system with self-rotating inserts.

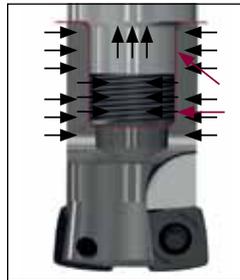
With our potential, our team spirit and our endurance, we will continue to set milestones in milling technology and will look forward to the challenges of the future.



Milling cutter bodies and inserts in metric sizes



Embedded insert seat



DUOPLUG® Shrink-/Thread-connection



SPINWORX® Time-saving tooling system with self rotating-inserts

CERTIFIED QUALITY



We meet the high demand we place on the permanently outstanding quality of our products with a continuous quality management system that covers every company division without exception.

We have been certified in accordance with DIN ISO 9000ff since 1996 and have continued to develop our quality system over and beyond its scope.



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