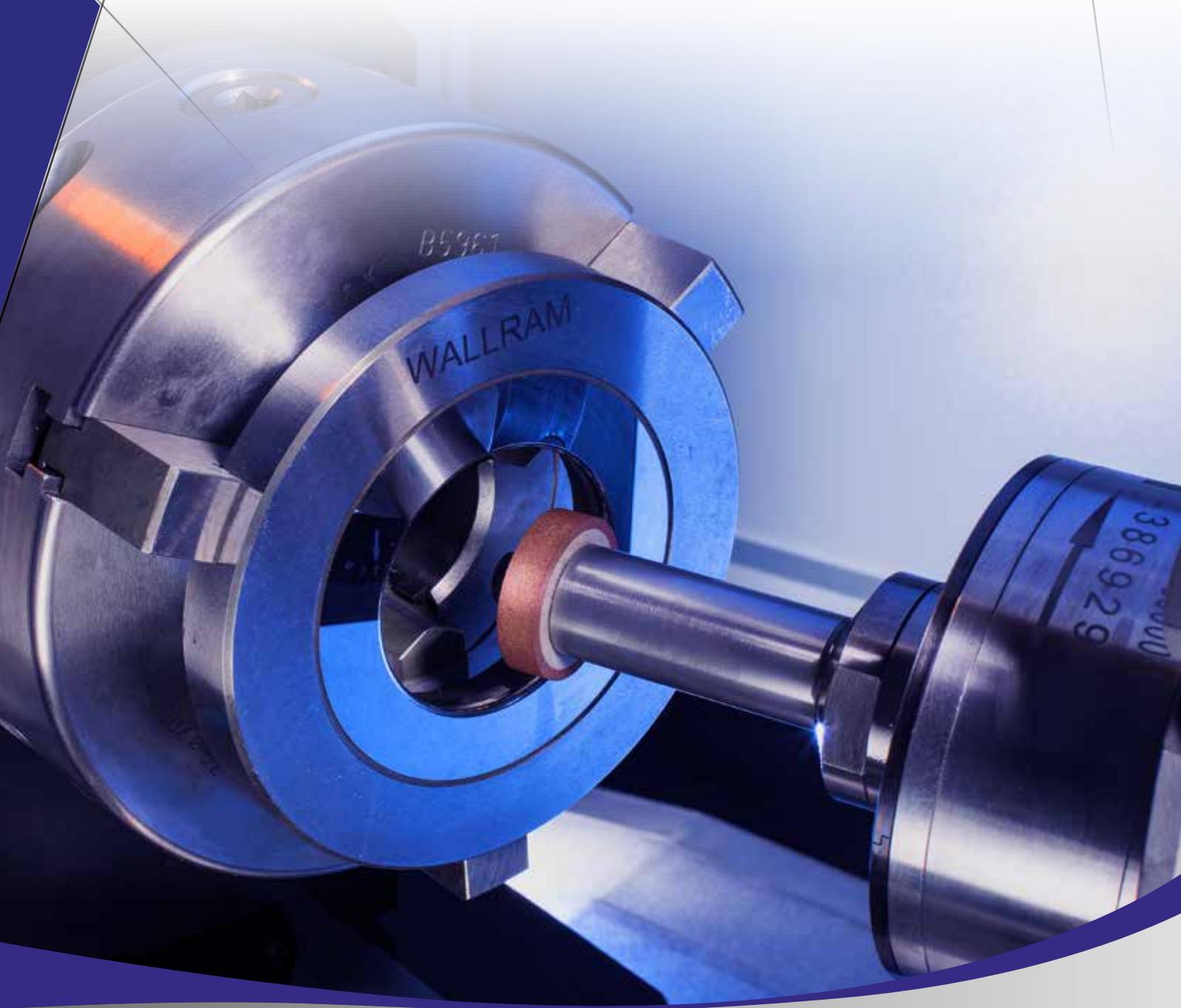




WALLRAM GROUP

... Tools and Service



Solutions in Hard Materials



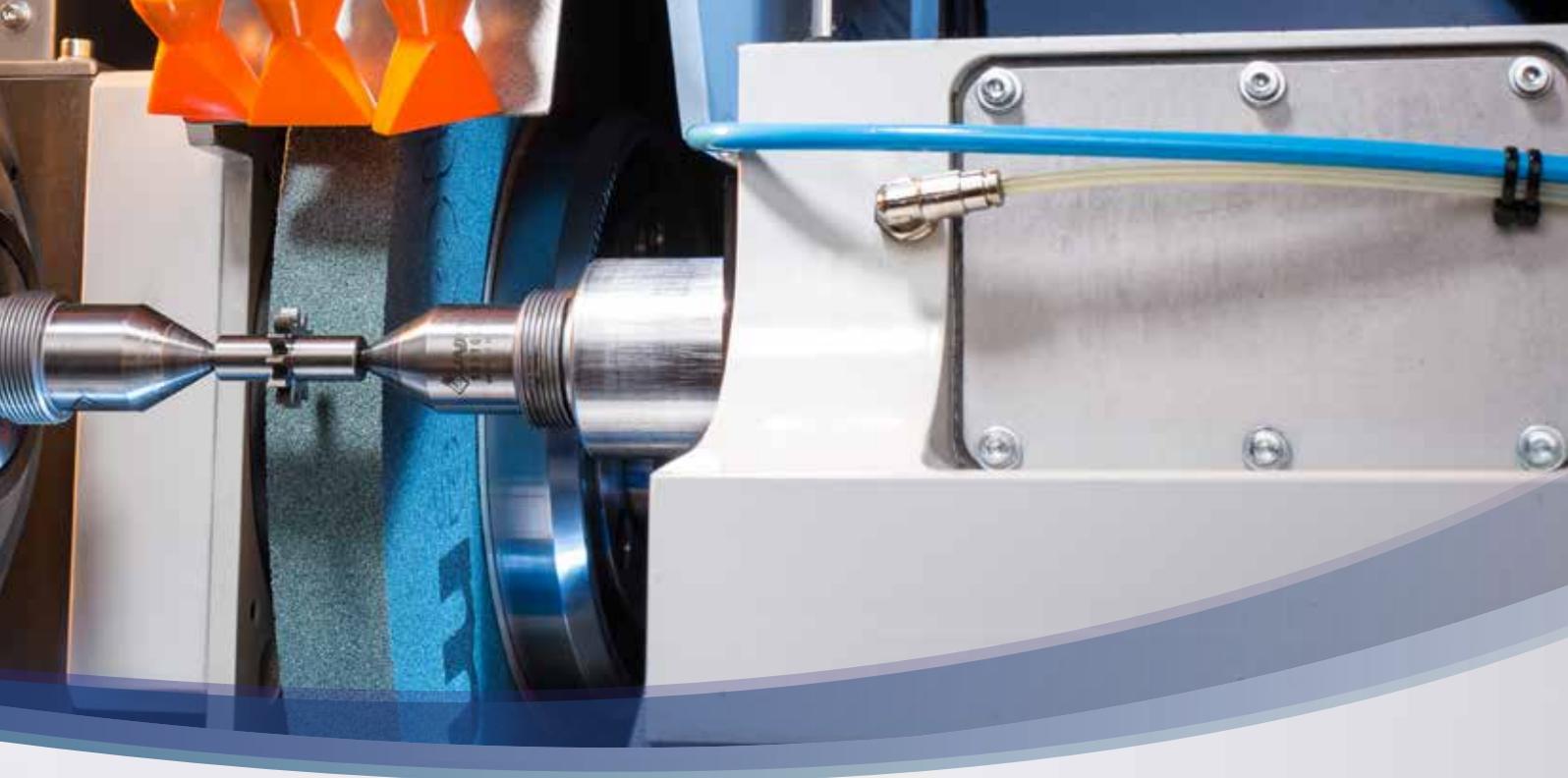
Wear-resistant carbide and ceramic products

CTE is a member of the WALLRAM Group. The international Group is active in the manufacturing of forming dies (in particular, those made from carbide and ceramic) for various industries as well as grinding machines and grinding technology.

CTE is providing a qualified tool-service.

Based on our knowledge and experience, we provide solutions for companies for whom quality is of utmost importance. Through the constant cooperation with our clients, we are able to deliver the highest standard of service.

Better service + qualified support = higher customer benefit



Precision is our tradition

Our processing equipment feature innovative grinding technology; our highly-qualified employees provide high-class Tool-Service and produce custom-made components for utilization in high-speed and precision forming processes.

Our customers have benefited from our passion for engineering and production since 2002. We focus on customer satisfaction, precision, quality, and sustainability. All CTE employees are passionate about these goals.

Great customer service + great quality = great reliability





Service & Support

CTE provides services in the field of precision machining along with production of tools made from sintered carbide, ceramics and high-quality steel. It is our main object to supply first-rate products of the highest available quality standards.

CTE provides services in the area of:

→ CNC precision machining with the use of high-tech solutions

- ✓ Precise grinding (internal, profile, radius, shaft)
- ✓ Non-round grinding (of special off-centered shapes, internal and shaft)
- ✓ Turning & Milling



→ By customer request: test measurements taken with the use of top grade measuring instruments

- ✓ Conventional measurements
- ✓ Measurement of the profile geometry
- ✓ 3D measurement
- ✓ Shape lapse measurement (of roughnesses, circularities and corrugations)
- ✓ Laser diameter measurement

→ Laser marking system for tools which allows for marking gears made of:

- ✓ Sintered Carbide, Ceramics, High-quality steel

Our experienced team will help choose the best solution, tailored to fit the customer's individual needs.

CTE – Service at it's best

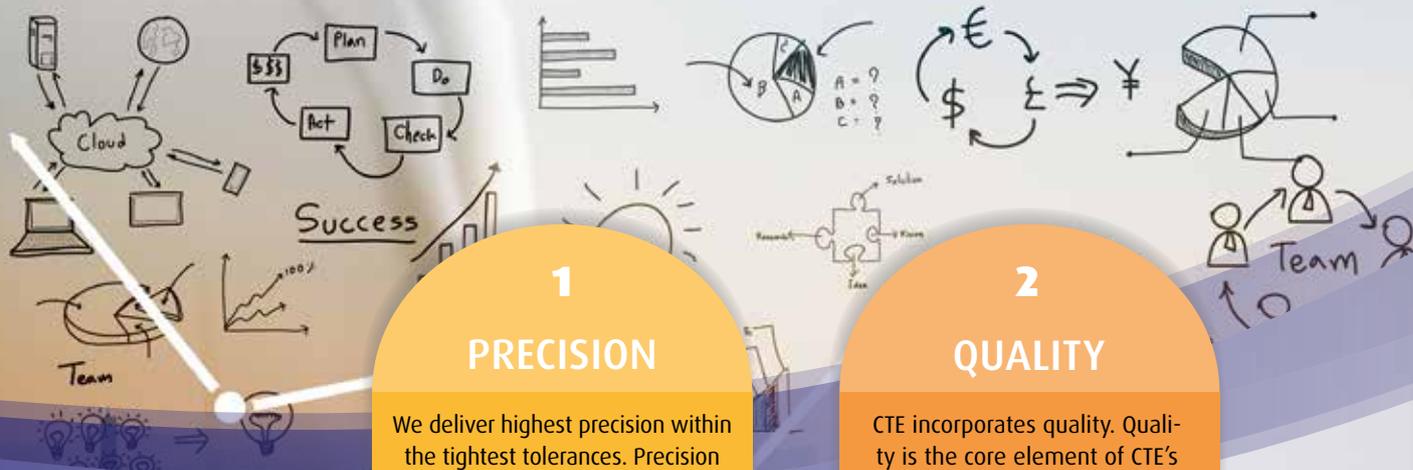




The can tooling experts

A large variety of metal packaging is available. Whether two-piece or three-piece can, in the form of a tube or bottle: CTE provides the perfect service for most of the tools and also supports with special tooling like End-Tooling, Trimmer-Knives or Spare-parts for Can-lines.

CTE - shaping your packaging



1
PRECISION

We deliver highest precision within the tightest tolerances. Precision that is indicated in thousandths of millimeters demands the highest manufacturing and test engineering standards. CTE distinguishes itself with this knowledge and makes no compromises in this regard.

CTE embodies this holistic view of customer service.

CTE - μm precision



2
QUALITY

CTE incorporates quality. Quality is the core element of CTE's corporate philosophy.

High-quality equipment and comprehensive resources for quality assurance ensure the quality of the products in the μm area.

CTE - documented precision



SUCCESS FACTORS

3
LEAN PHILOSOPHY

In order to pursue the idea of operational excellence, continuous improvement is a key component of CTE's implementation of LEAN systems, such as VSM, 5S, TPM, Zero Loss, and SMED.

In today's challenging economy, it is essential for CTE to operate in a proactive manner.

CTE - continuous improvement



4
MATERIALS

Carbide, technical ceramic and tool-steel are selected and used in various compositions and in a solution-oriented manner.

With our knowledge and service capabilities we are able to support our customers in processing all this materials.

CTE - material experts



5
SUSTAINABILITY

Environmental protection, sustainability, and conservation of resources are fundamental topics in our society.

CTE's qualified tool-service gives extended tool-life, less scrap and supports with this a sustainable production.

CTE - sustainable and environmentally conscious





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