


**CERA SYSTEM**  
✓ more than ceramics

## ■ Products and Service





## CERA SYSTEM More than Ceramics

**Our philosophy is that we are more than just a ceramics company. We are a reliable partner for our customers and not only a supplier. Our ability to create solutions is based on CERA SYSTEM's unique know-how such as designing, testing, manufacturing and our outstanding after sales service.**

**We are committed to maintaining and advancing our position as a market leader and increasing customer satisfaction.**



***Alumina:  
a versatile ceramic material***

CERA SYSTEM is a medium sized company with over 100 highly skilled and dedicated employees. We manufacture large scale production precision ceramic parts as well as system solutions using ceramic components. Our customer base includes many well known international companies.

Using our in house research & development and sales engineers provides cost effective solutions for our customers.



**Zirconia:**  
*excellent mechanical properties and  
chemical resistance*



**Silicon Nitride:**  
*high tech ceramic*



**Hard Porcelain:**  
*tough and resistant to abrasion*



**Silicon Carbide:**  
*wear resistant and thermal conducting*

Our lean organizational structure and state of the art production facilities allows our highly qualified personnel to manufacture a product once the material has been chosen in a matter of days rather than weeks.

CERA SYSTEM is certified in accordance with DIN EN ISO 9001:2000. We deliver the highest quality in the market and on time.

Our long standing cooperation with universities and institutes allows us to develop and provide cutting edge technology for our customers.

Give us the opportunity to prove that our customers needs are our top priority.

Please send us your requirements and take advantage of our extensive experience and know-how.



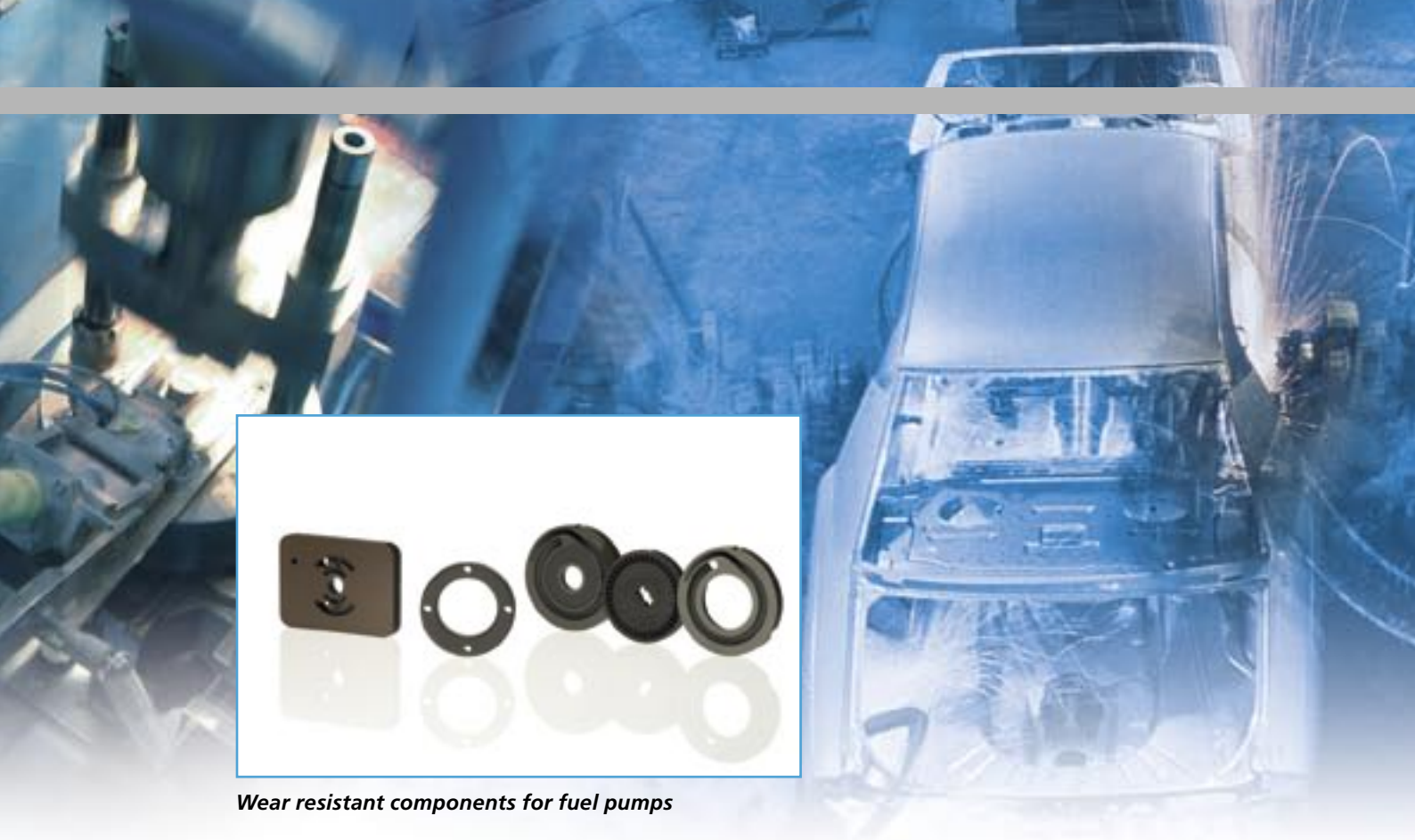
## **Ceramic precision components in small series and large scale production**

Today, technical ceramics are used in a wide variety of applications and this range is rapidly expanding.

CERA SYSTEM develops and produces ceramic precision parts from small up to large scale production. A dedicated sales force, development, design and manufacturing team provides our customers with the best support.



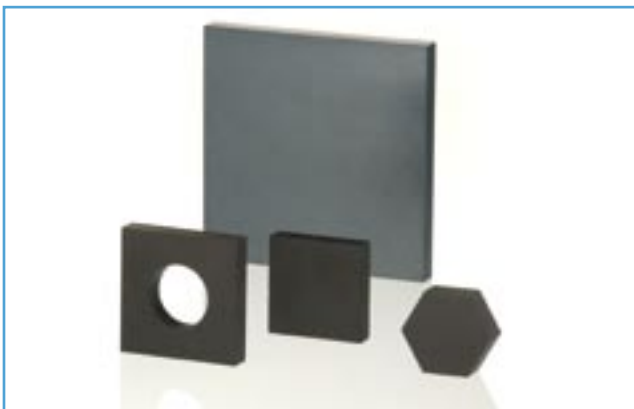
*Valve plates for liquids and gases*



***Wear resistant components for fuel pumps***



***Special components for various applications***



***Armor tiles for ballistic protection***

CERA SYSTEM offers ceramic precision parts for various applications in many industries. Our main products include:

- faucet valve plates
- regulator discs for climate control devices
- fuel pump parts for the automotive industry
- hydraulic and pneumatic components
- ceramic grinding discs for food processing
- sensor elements
- armor tiles for military and law enforcement agencies

## System solutions using ceramic components



*Chemical and abrasion resistant ball valves for industrial processes*



*Sliding discs valves used to regulate aggressive, abrasive, combustibile and toxic fluids*

CERA SYSTEM has more than twenty years of experience in designing, development and production of systems using ceramic components and is a leading global manufacturer in this field.

We assure high quality, cost effective solutions and on time delivery because of a modern manufacturing facility and highly qualified staff. This applies not only to standard solutions but also to unique engineering requirements for specialty materials and sophisticated devices.



***Abrasion resistant pipe components with ceramic linings***



***Valves for high temperature environments***



***Abrasion resistant ball mills for laboratories and industrial use***

CERA SYSTEM also offers system solutions with ceramic components for various applications covering a wide range of customer requirements for several industries.

Our product range includes the following:

- industrial ball and sliding disc valves
- tubes and elbow components with ceramic linings
- throttle systems
- ceramic ball mills

We supply ceramic equipped devices for the chemical industry, environmental technology, power generation, food industry and pharmaceutical plants. Additional applications include process engineering, waste incineration plants and metallurgy, e.g. the production of steel and non-ferrous metals.



## More than Ceramics ... And you can believe it.

**CERA SYSTEM's objective is to meet customer requirements for state of the art technical ceramics.**

**CERA SYSTEM will support you before, during and after placing your order. We provide service, maintenance and technical consulting with our in house experience and know-how.**



We provide the best quality products with our technical expertise and modern production facilities and manufacture according to DIN EN ISO 9001:2000.

Our materials are certified in accordance with KTW and WRc, we conform to the Pressure Equipment Directive 97/23/EC Module H and have the TÜV certification as a supplier of safety valves for combustible liquids.

We strive for cost effective technical ceramic solutions in order to give our customers higher levels of performance. We look forward to your inquiry.

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