



Diamantwerkzeuge und Maschinen GmbH



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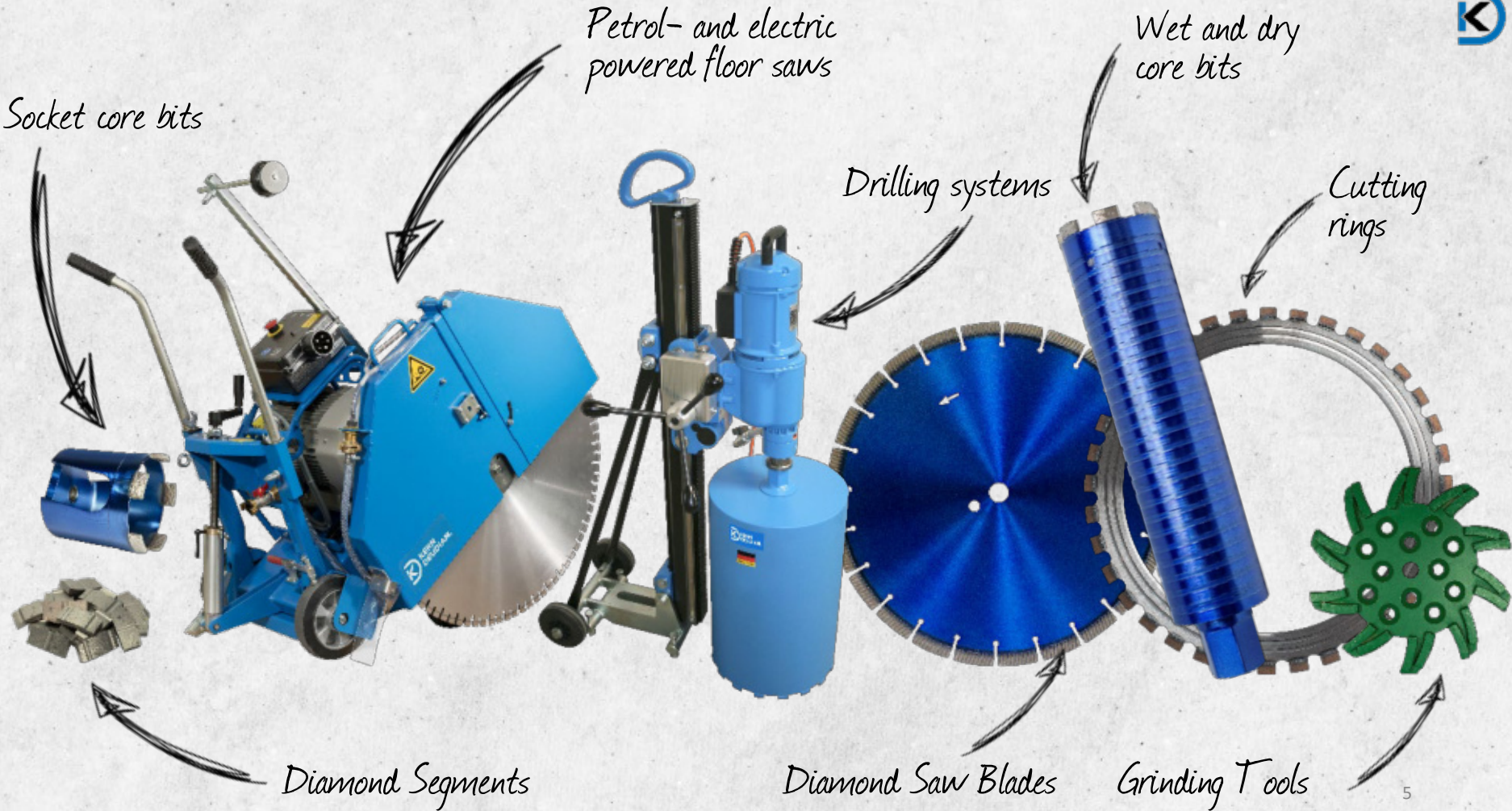
WHO WE ARE

DIAMOND TOOL MANUFACTURING. MADE IN HOEVELHOF.

KERN-DEUDIAM Diamantwerkzeuge und Maschinen GmbH is a well-known German manufacturer from Hoevelhof, which has been producing and distributing high-quality diamond tools and machinery worldwide since 1977.

For almost five decades, as a **family-owned company**, we have always successfully gone our own way.





Socket core bits

Petrol- and electric powered floor saws

Wet and dry core bits

Drilling systems

Cutting rings

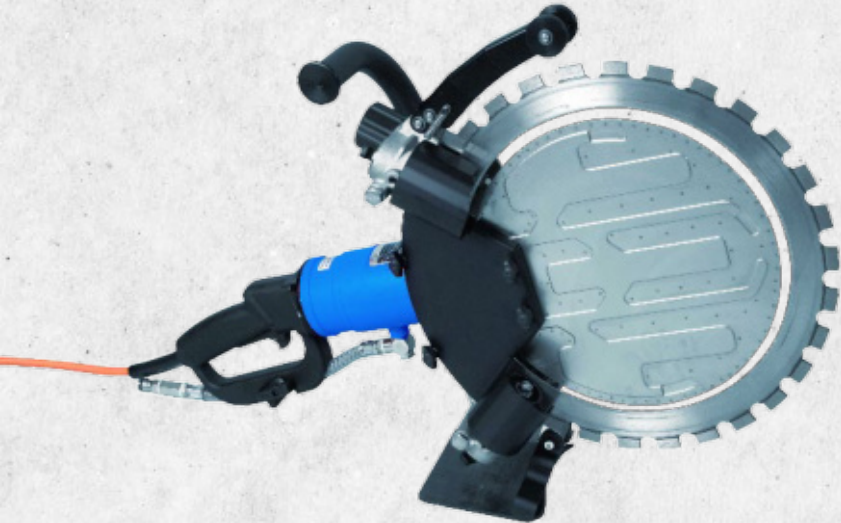
Diamond Segments

Diamond Saw Blades

Grinding Tools

DIAMOND TOOL MANUFACTURING. MADE IN HÖVELHOF.

We offer **an extensive and high-quality range of products:** from wet & dry core bits, socket core bits, grinding tools, diamond cutting blades to individual segments, drill equipment, diamond drilling systems, petrol- and electric- powered floor saws, and a range of cobalt-free DTOX products. Our diamond tools and machines are ideal for processing **concrete, masonry, asphalt, and tiles.**



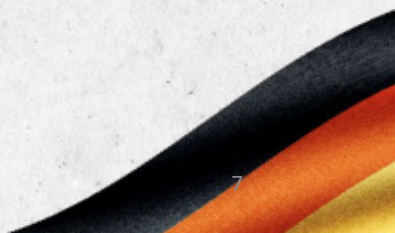


MADE IN GERMANY.

Our portfolio includes the most diverse, versatile, and high-quality diamond tools and machines on the market, consistently and entirely developed and manufactured in Germany. Whether as **OEM** or **PLM (Private Label)**.

We manufacture according to the highest quality standards and with innovative features that make our customers work pleasant, productive, and more efficient.

Serving customers from over 70 countries.





OUR ADVANTAGE.

OUR TEAM.

Our qualified team is the biggest advantage at **KERN-DEUDIAM**.

Around 70 employees work hard and daily on our departments of: Manufacturing of segments, tool manufacturing, machine manufacturing, product development, laser manufacturing, construction, quality management, warehouse logistics, purchasing department, inside and outside sales force, marketing, controlling and administration, to find the perfect and optimal solutions for every application of our customers. **We are committed to providing you with the perfect service.**

PROFESSIONAL. HELPFUL. HONEST.



KEEPING AN EYE ON THE FUTURE. EXPLORE NEW PATHS.

At KERN-DEUDIAM, we offer a wide range of opportunities for internships and vocational training. We stay at the cutting edge, learn from each other, are innovative, and thus **future-proof in a dynamic industry.**

We offer the following **apprenticeships:**

- Industrial Clerk (m/f/d)
- Warehouse Logistics Specialist (m/f/d)
- Warehouse Specialist (m/f/d)
- Mechatronics Technician (m/f/d)
- Industrial Mechanic (m/f/d)
- Machinery and Equipment Operator (m/f/d)
- Metal Technology Specialist (m/f/d)

MEMBERSHIPS.

Together we are **stronger**.

Active participation in associations, including on the international stage, is important to us.

We love the exchange of **experiences and knowledge**. In this way, we also ensure the continuous development of our industry, sharpen our senses for **new market trends**, and carefully **study our competitors**.



OUR BRANCH. IN UAE (UNITED ARABIAN EMIRATES)

For more than 20 years we have been doing business in the **Middle East** and taking care of good and strong customer relationships there.

In 2020 we officially opened **KERN-DEUDIAM** in **Dubai** with a very big show-room. Next to our **own products** we sell as well products of **other premium brands** such as **WEKA, Flex, Wolff, Keil and Liemke**. All these products we keep locally in stock.



OUR BRANCH. IN UAE (UNITED ARABIAN EMIRATES)

Under the leadership of **Managing Director Shakeel Ahmed**, we offer our professional cutting and drilling solutions here.

KERN-DEUDIAM BUILDING HARDWARE & TRADING LCC

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PRODUCTS

TOOLS.

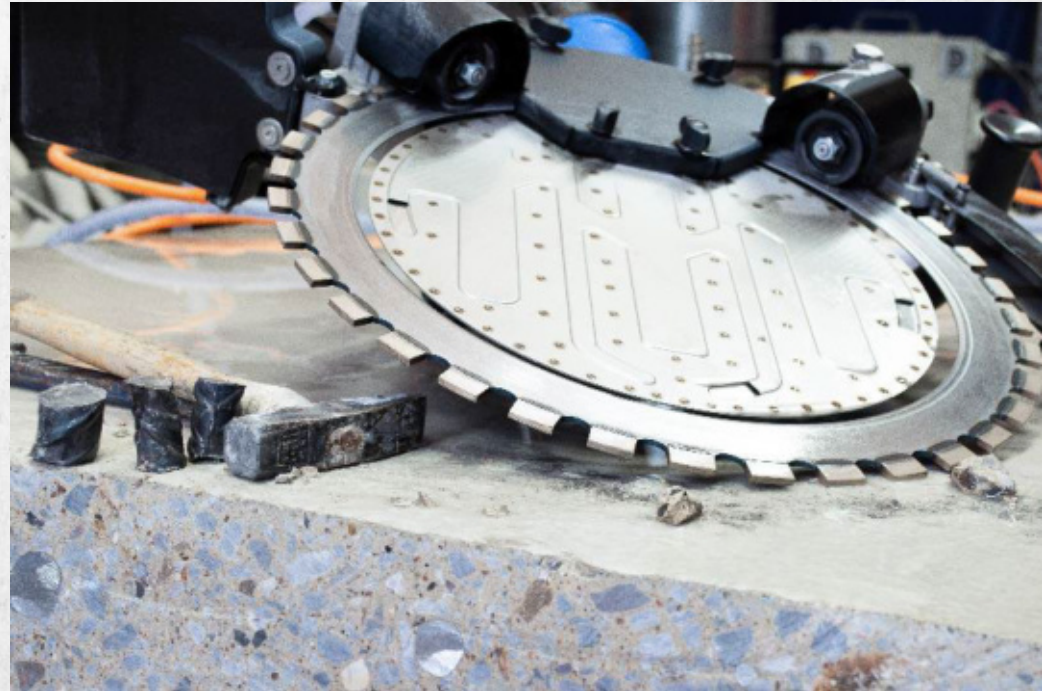
The majority of our diamond tools are developed and manufactured in Germany.

Our inhouse departments for product development and research ensure that we can quickly respond to new challenges faced by our customers.

This way, we can also naturally fulfill individual requests.

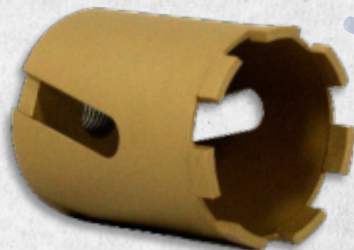
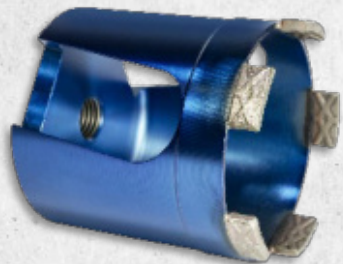
Our comprehensive tool portfolio includes the most diverse and versatile products.

[Feel free to browse through our online catalog and see for yourself.](#)



SOCKET CORE BITS.

KERN-DEUDIAM is the market leader in Europe in the production of socket core bits.

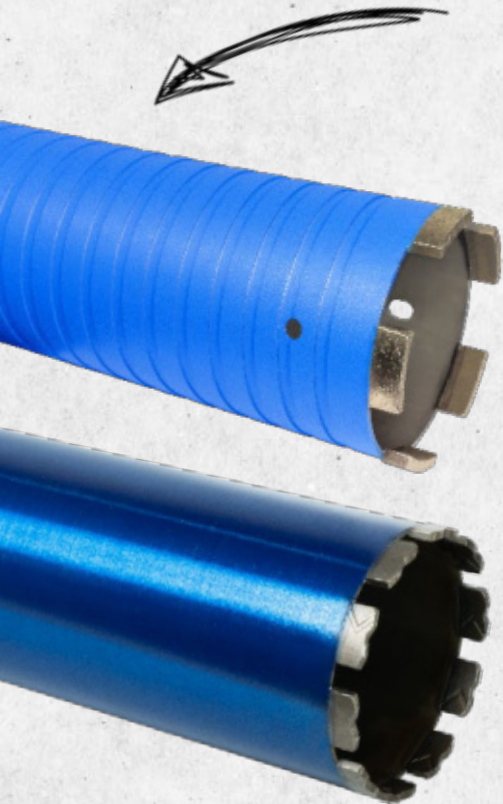


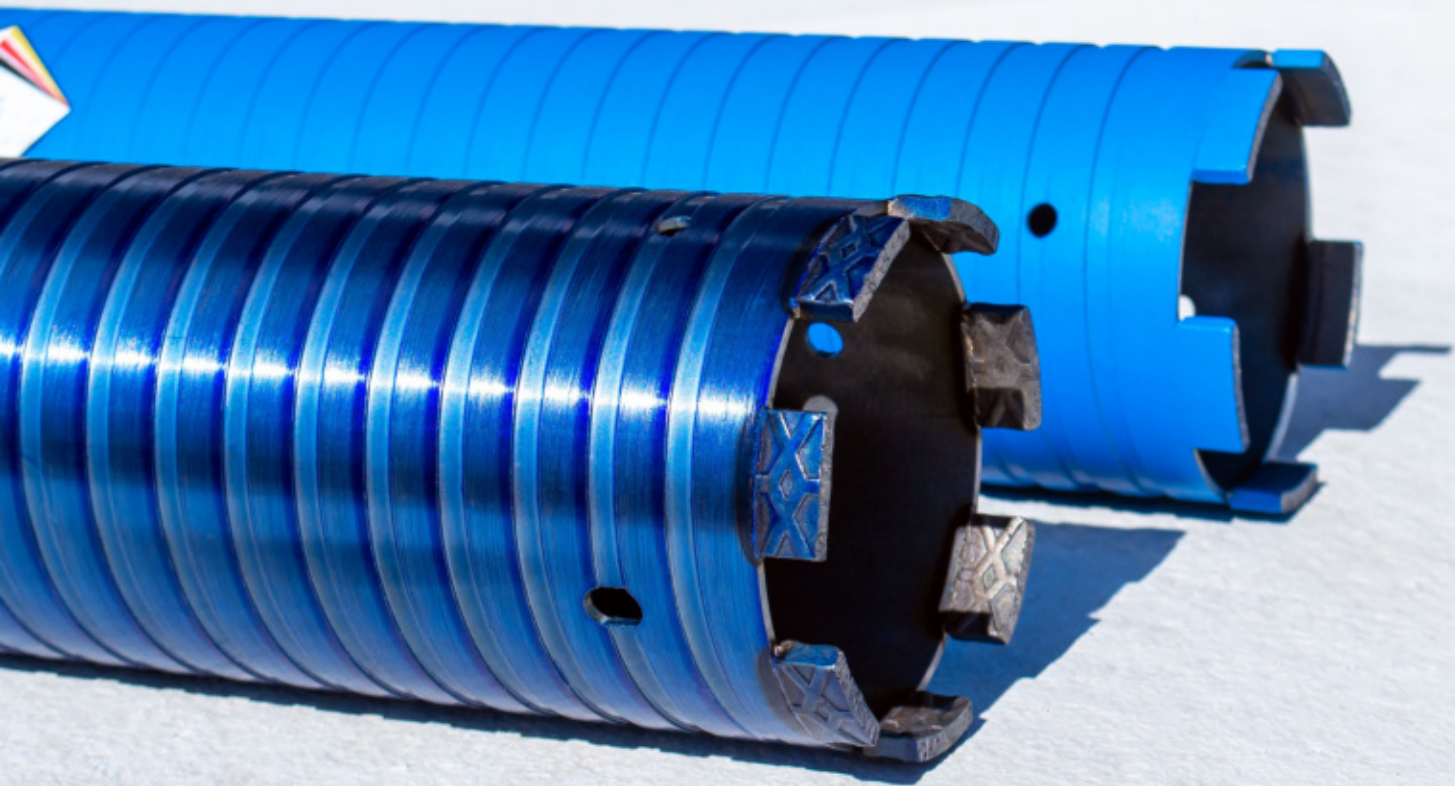


DRY AND WET CORE DRILLS.

are manufactured entirely in Hövelhof. Most products are **laser-welded**, some **drill bits are brazed**.

Dry, wet, wide, narrow, short or particularly long - we are just as flexible as the applications of our customers.



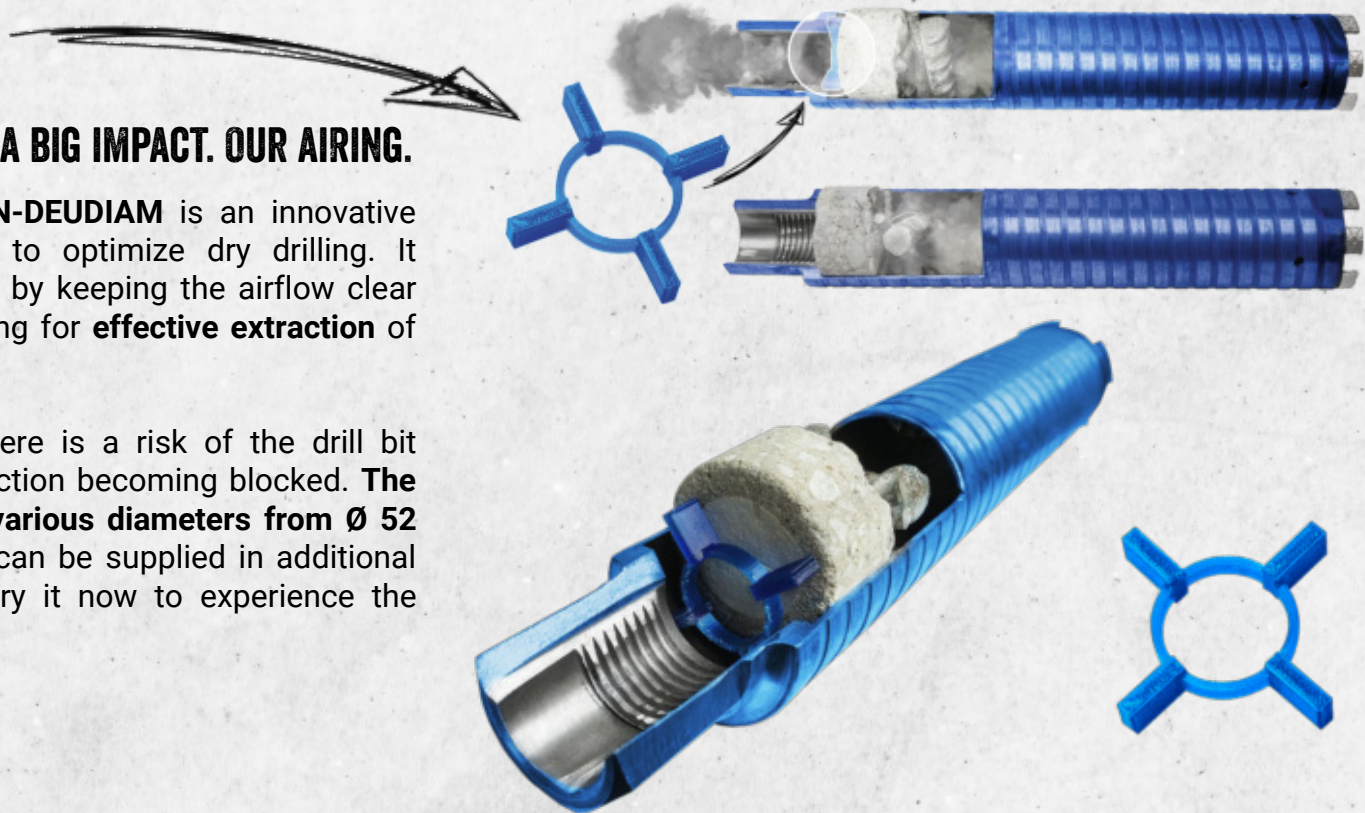


OUR AIRING.

SMALL HELPER WITH A BIG IMPACT. OUR AIRING.

The **aiRing** from **KERN-DEUDIAM** is an innovative little helper designed to optimize dry drilling. It protects the extraction by keeping the airflow clear during drilling, permitting for **effective extraction** of drill dust.

Without the **aiRing**, there is a risk of the drill bit clogging and the extraction becoming blocked. **The aiRing is available in various diameters from Ø 52 mm to Ø 92 mm** and can be supplied in additional sizes upon request. Try it now to experience the benefits firsthand!

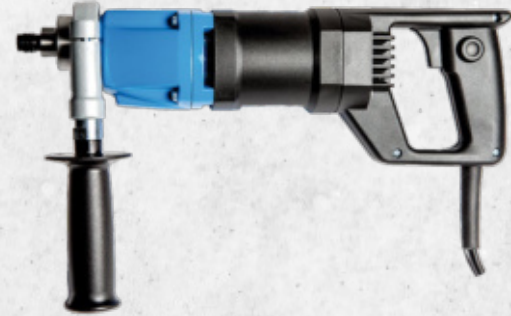
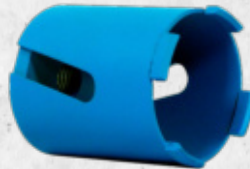


HAND-HELD MACHINES.

DRILLING APPLICATIONS. QUICK. PRECISE AND EFFECTIVE.

Discover our high-quality hand-held drilling machines **DB1300T** and **DB1700T** with the optional **SK20** extraction and much more...

Perfect for precise core drilling and **flexible drilling applications**. Our machines deliver top performance even without **additional material**. See for yourself their quality!

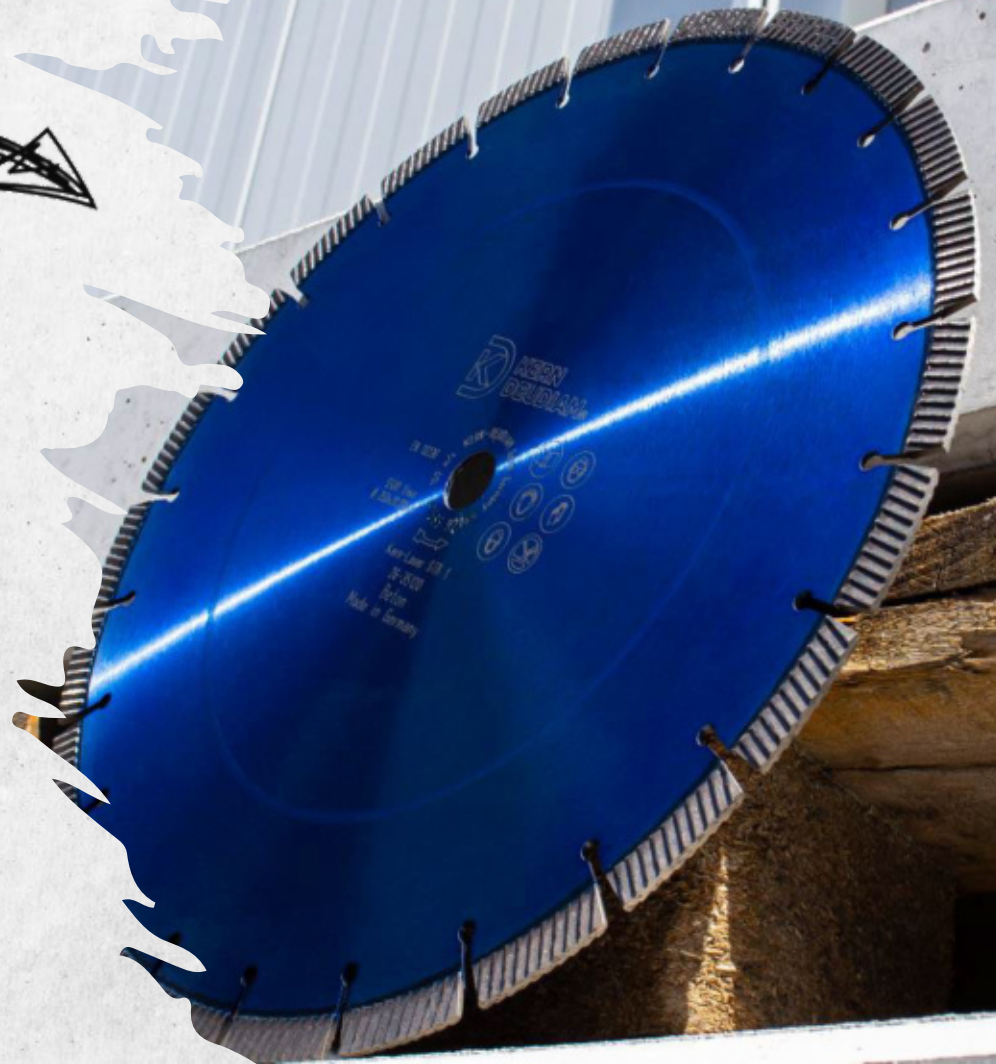
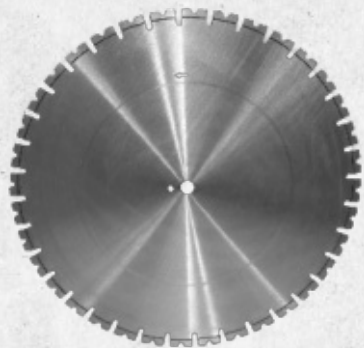


SAW BLADES.

KERN-DEUDIAM develops and produces a variety of diamond saw blades.

Our portfolio includes **diamond cutting blades** for various applications and machines:

- Floor saws
- Wall saws
- Hand-held machines and hand saws
- Table saws
- Angle grinders
- Wall chasers



SAW BLADES.

KERN-DEUDIAM develops and produces a **variety of diamond saw blades** that are characterized by **outstanding quality** and are **specifically customized** to the specific application needs of our customers in various **diameters and sizes**.



NEW. SUSTAINABLE. BETTER. WITH DTOX PRODUCTS.

KERN-DEUDIAM continuously develops new and now truly sustainable products.

Our innovative and cobalt-free DTOX products are our latest development:

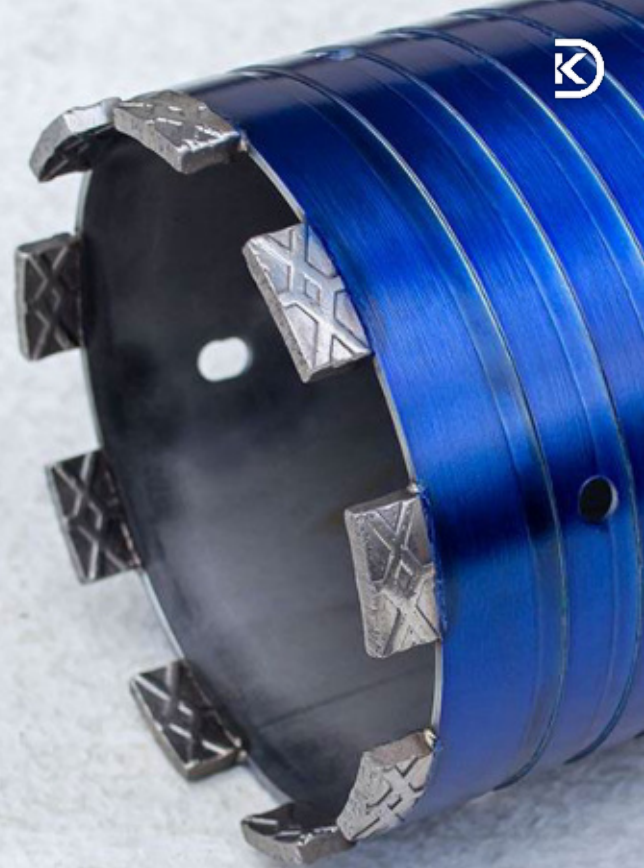
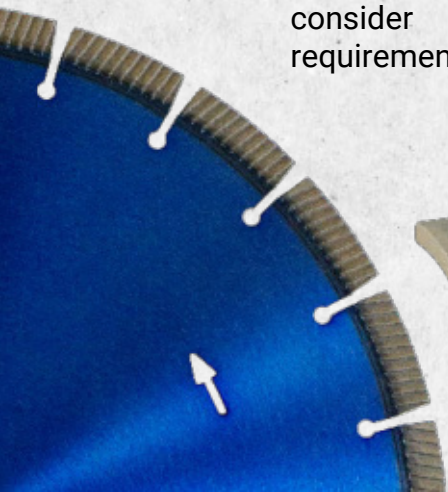
- Diamond Cutting Blades SWF131 & SWF131 XILENT
- Diamond Cutting Blades SWF141 & SWF141 XILENT
- Core Drills with ring segments DBF 111
- Core Drills DB 121
- Core Drills KBU-BX
- Single Segments DB 121
- Single Segments KBU-BX

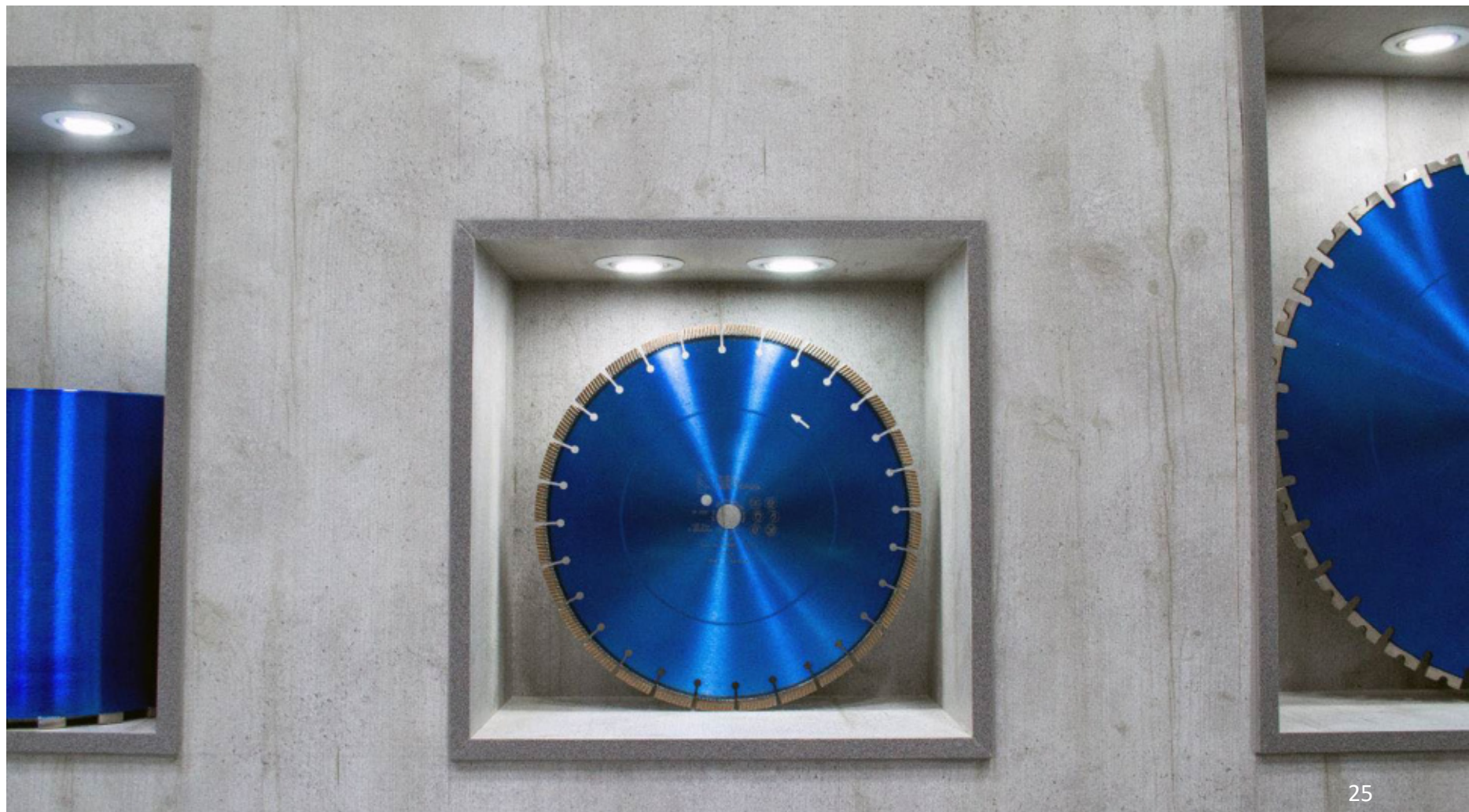


SINGLE SEGMENTS.

As one of the few manufacturers of diamond tools, we develop and produce (according to our own recipes) our diamond segments in Germany. **From the powder, cold pressed segment, to the finished segment.**

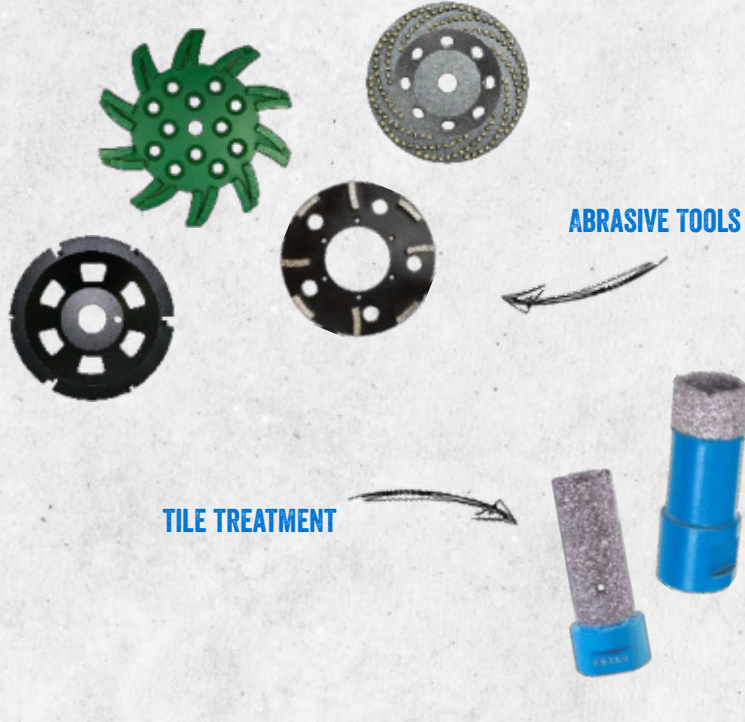
This enables us to offer products that meet the highest demands of our customers and even consider individual customer wishes and requirements.





SPECIAL TOOLS.

KERN-DEUDIAM is also a specialist for ring saw blades, looping blades of special grinding shoes.





MACHINES.

WE DON'T JUST DEVELOP AND MANUFACTURE TOOLS.

Our expertise also includes **various construction machines**. From the individual components to the final product: many of them are **handmade by us**, others are from selected **premium brands**. Our portfolio includes the following machines:

- Electric and petrol floor saws
- Drill rigs and systems
- Table saws
- Cut-off and ring saws
- Diamond chain saws
- Wall chasers



MACHINES.

POWERFUL. ELECTRIC- AND PETROL-POWERED FLOOR SAWS.

In the **KERN-DEUDIAM** portfolio, you will find a lot of floor saw models.

Of course, our **floor saws** differ not only in their performance (e.g. **7.5 kW, 8.7 kW, 11 kW or 15kW**), their maximum cutting depth, or their dimensions, but also in the type of their motorization.

In addition to floor saws with petrol engines, you will find a wide range of **electrically powered floor saws** by **KERN-DEUDIAM**.



TRAINING.

KNOW-HOW? WE GIVE IT TO YOU.



KERN-DEUDIAM offers comprehensive product training. Our engaging training program helps participants take **their knowledge of our products to the next level.**

Core bits, both dry and wet, with various diameters, done vertically, horizontally, and diagonally, high-frequency sawing, and training with our electric floor saws ensure that participants are **fully engaged!**



REPAIR AND CARE.

EQUIPMENT MAINTENANCE. OUR SERVICE.

At **KERN-DEUDIAM**, we offer a **repair service** for **drilling machines, drilling equipment, and floor saws.**

Our **experienced technicians** take care of the **repair and maintenance** of your equipment for the optimal performance and longevity. Trust in our expertise and let us restore your equipment to **top condition.**

We also take care of your **drill bits** and offer the re-tipping of your purchased diamond drill bits to ensure long-term satisfaction with **our products.**



LOGISTICS.

EFFICIENT AND FAST.

At **KERN-DEUDIAM**, we take pride in operating a **large warehouse** that allows us to quickly and **efficiently package and deliver** wet core bits, hand-held machines, diamond saw blades, floor saws, and other goods.

Our warehouse capacity and logistics solutions enable us to **flexibly respond to market demands**, providing our customers with reliable service and, most importantly, guaranteeing **timely delivery**.





**KERN
DEUDIAM**

PRODUCTION

THE MANUFACTURING PROCESS.

First and foremost: **quality** is one of our most important principles. The consistently quality-focused operational process at **KERN-DEUDIAM** is naturally the responsibility of **top management**.

For this reason, KERN-DEUDIAM is certified by TÜV Süd according to **ISO 9001:2015**.



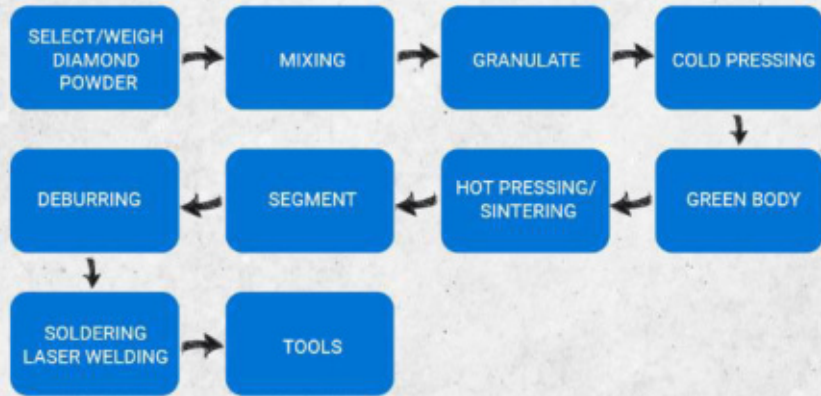
Furthermore, we recycle in a certified and sustainable manner, and produce exclusively with

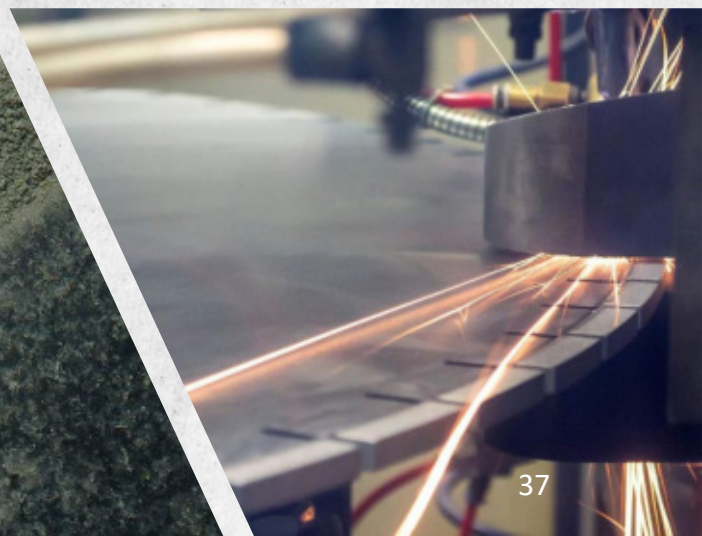
100% GREEN ELECTRICITY



THE MANUFACTURING PROCESS.

Our diamond tools produced by sintering process consist of a metallic bonding matrix and diamonds distributed within.







THE PRODUCTION. A QUALITY PROMISE.

At **KERN-DEUDIAM**, the development and production of high-quality machinery is more than just simple assembly. Our globally recognized and sought-after products such as floor saws, drill stands, and table saws reflect a premium standard that drives us to produce components ourselves wherever possible - a true hallmark of quality for **Made in Germany**.





PRODUCT FINISHING

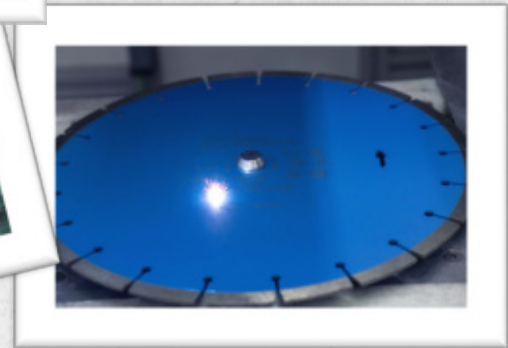
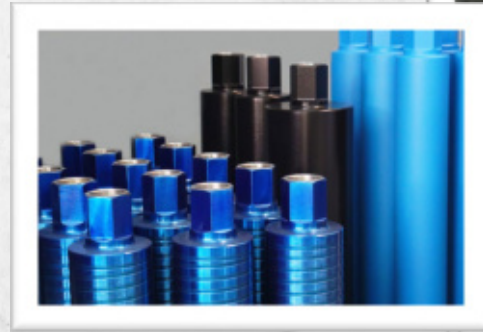
FINISHING PROCESSES.

OUR SERVICE FOR YOUR DIAMOND TOOLS.

We offer a **variety of services** for your purchased products, including **custom product colors** and **laser engravings**.

In our manufacturing, we can provide your selected product with **the custom color, a custom design, a logo engraving, or a unique packaging design that is personalized to your preferences.**

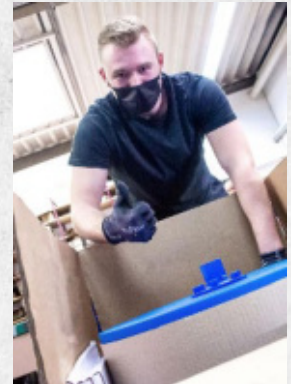
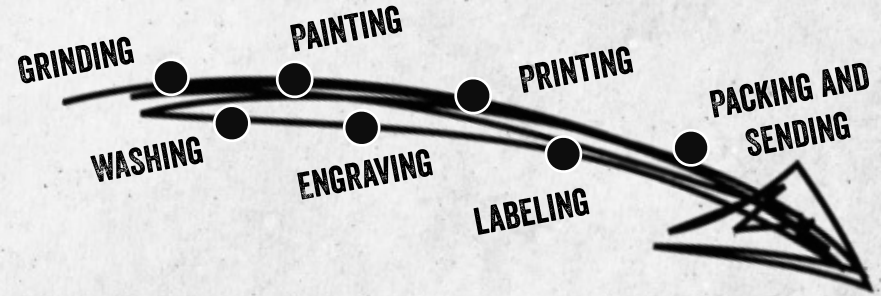
- Custom packaging design
- Custom colors for your products
- Logo engraving with laser
- Label design for your diamond tools

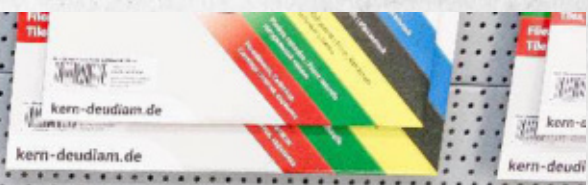


FINISHING PROCESSES.

each of our tools is precisely tested and finished before leaving our production.

Our standard is that all products are "ready for use" and on time and also meet all visual expectations.







OUR FLYERS.

Our flyers provide an overview of our diverse products, ideal for promotional purposes.

From **diamond tools** to **diamond core bits** and drilling systems, we have the **perfect solution** for your requirements.

Experience **our quality** and performance and choose **KERN-DEUDIAM!**



PRESENTATION.

At **KERN-DEUDIAM**, we can look back on almost five decades of experience and successful, enduring customer relationships. Whether the business is tool distribution, construction machine distribution, electric distribution, building material distribution or sanitary distribution: **we know exactly what matters at the point of sale (POS).**

We are happy to fully support our customers with **advertising materials, displays, multi-media, or clever ideas.**

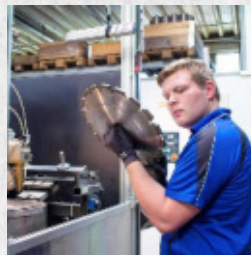
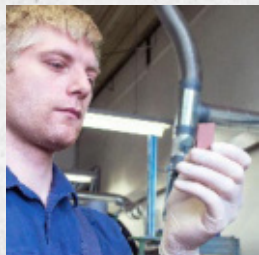
**RESEARCH &
DEVELOPMENT**



RESEARCH AND DEVELOPMENT.

We are proud of our in-house research and development department, which enables us to be proactive and to actively pursue and drive innovation.

- KERN-DEUDIAM tests and develops new bonds and formulations for segments.
- Through close customer relationships, we are able to respond to feedback and optimize products, for example, to adapt to the material being processed and new machines.
- We also consistently optimize our product development processes.



In the video, our product development manager, **Mohamed Chaaben**, shows his development work.

RESEARCH AND DEVELOPMENT.

We regularly **check** our further developments and make **our own tests** in Hövelhof.

Our goal is to create **sustainable** and **enduring solutions**. We continuously improve the durability and cutting speed of our diamond core bits and diamond saw blades.

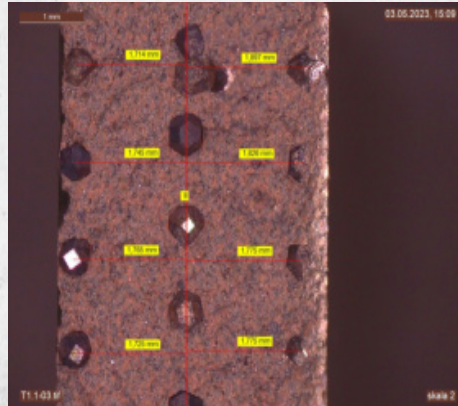
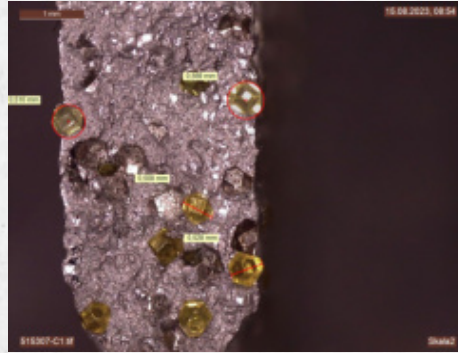
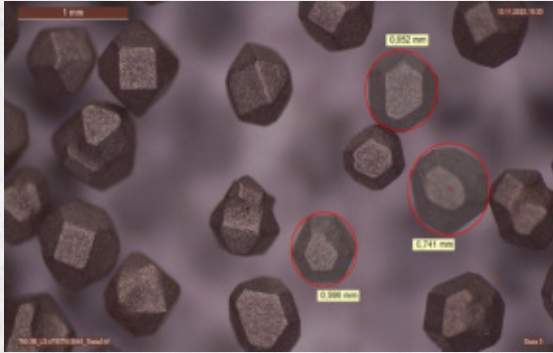
We believe that working **proactively** and **collaboratively across departments** enables us to provide **our customers** with the **highest quality for any use**.

RESEARCH AND DEVELOPMENT.

Through **careful inspection**, **irregularities and mistakes** in the manufacturing process of the segments are identified and proactively removed.

This process is crucial to guarantee that the diamond tools from **KERN-DEUDIAM** meet high requirements and standards, supplying customers with performance.

Through continuous enhancements and innovations, we strive to develop top products that meet the requirements of customers in different applications.







THANK YOU.



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