DutchDiamond

G R O U P

www.dd-technologies.com

We are able to shape diamonds like you have never seen before

DutchDiamond

CUSTOMER FOCUSED INNOVATION WITH DIAMOND **COMPANY: Dutch Diamond Group**

Principle

We use both lab-grown diamonds and mined diamonds. There is no difference between both materials. However, lab-grown diamond is a sustainable alternative to mined diamond. Besides that, every mined diamond has its own properties. Therefore, the performance can differ and is less predictable. We care about the environment and using lab-grown diamonds means preventing environmental damage. By using lab-grown diamonds, resources are saved, eco-electricity is used during production, growth time is limited and the production process is completely reproducible. Furthermore, all properties can be tailored and we are independent of the discovery of new occurrences of diamond with all additional effects. This means we can produce our diamonds depending on customer needs.

Diamond wafer weight 155 Carat

Advantages

• Extremely wear-resistant. Extremely good heat conduction. • Depending on the type, electrically insulating. Consistent quality. • No environmental damage.

Disadvantages

 Long process times. • High initial costs.

Due to an exclusive partnership, we are able to offer extreme big lab-grown diamonds. Therefore, we control the entire value chain. Because of this, our production capacity is increased and we are able to continue to develop our diamond materials.

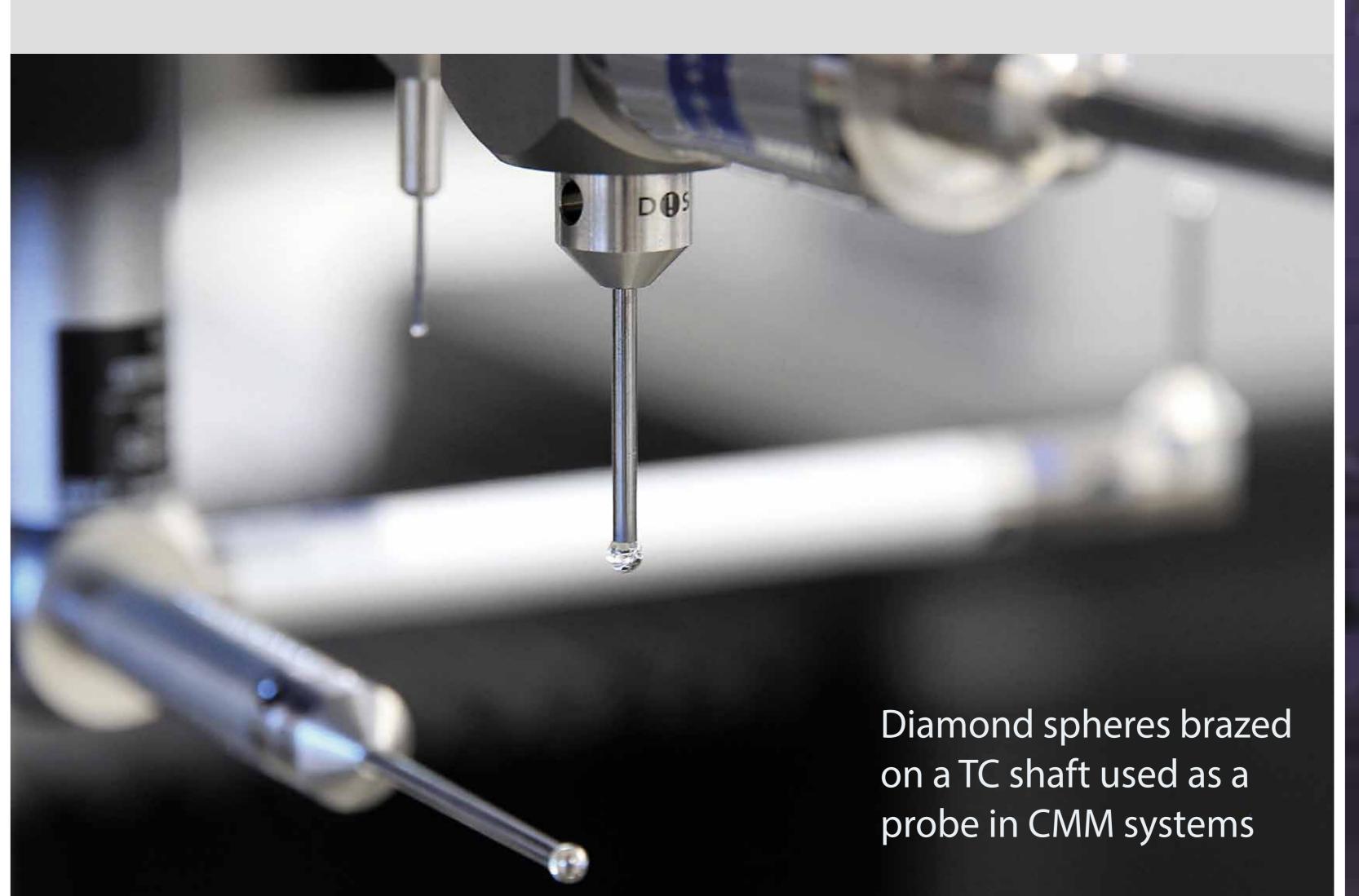
We don't offer what we have, we offer what you really need.

More information:



Production boundaries and limits

• Due to our products we are forced to develop non-existing techniques and recipes. • Limited freedom in forms and shapes.



Cost

• The basic material diamond is still expensive compared to other raw materials. Processing diamonds is also very time-consuming. The initial costs of diamond products are therefore often higher compared to other materials. Due to the properties of diamonds, we see a very positive effect on costs when using diamond products in production environments • Using diamond can save costs up to 80% compared to other materials.









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