

Dear customer,

Welcome to our first newsletter in 2018! We are very pleased about your loyalty to our newsletter and your anxiousness to follow our news.

Sometimes it is the small things that show great effect. Therefore we would like to present our new digital microscope, which we apply in order to further improve our brazing method as well as the quality of our joints. In addition we have interesting news in the field of copper. Enjoy the reading!

### Copper – the material we process most often

#### REUTER TECHNOLOGIE IS A MEMBER OF THE GERMAN COPPER INSTITUTE



Thanks to its excellent thermal conductivity copper is especially suitable for vacuum-brazed component groups in high tech applications. Therefore copper belongs to our most processed materials. And as our passion for this material and our experience alone are not enough because handling it demands established knowledge, qualifications and permanent development, we have shortly become a member of the German Copper Institute.

For REUTER TECHNOLOGIE this entails intense communication and exchange of information, research collaboration, and permanent further development, which eventually benefits our clients.

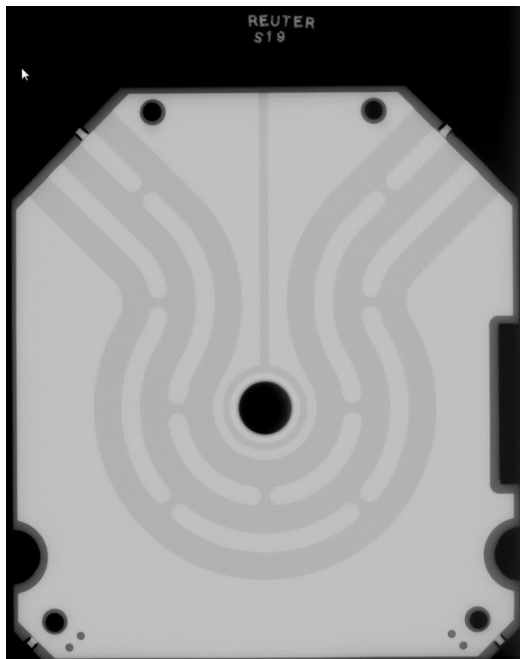
**Take advantage of our long-standing experience with copper! We offer comprehensive consulting.**

**We are pedantic in order to meet your demands**

### **OUR NEW DIGITAL MICROSCOPE MAKES THE SMALLEST INACCURACIES VISIBLE**

Highest precision is the precondition for vacuum-brazed component groups used for industrial and research purposes. It can only be achieved by optimising every individual step of the process.

An essential quality characteristic and condition for the permanence and stability of the component group is the brazed seam. Heavy duty material joints are required that are both vacuum-tight and free from soldering residues.



REUTER TECHNOLOGIE owns a high quality digital microscope that allows high precision examination of the brazed seam. It is for instance possible to examine a joint with regard to solder wetting with a magnification factor of up to 200, and potential inaccuracies can be corrected. The digital images are made available to our clients together with the soldering reports on demand.

Beside the examination of the joint using the digital microscope, our quality assurance measures are completed by tensile tests and other control methods such as ultrasonic and x-ray tests. [More...](#)

**If you want to benefit from even more precision, contact us! We will attend to your request on an individual basis.**

### **REUTER TECHNOLOGIE at the Big Science Business Forum 2018**



As a partner of research and industry, REUTER TECHNOLOGIE specialises in customised vacuum-brazed component groups in accordance with clients' requirements. Our equipment and our highly qualified employees establish the preconditions for manufacturing at an exceptionally high level with regard to quality and economy.

At the Big Science Business Forum 2018 to be staged between 26 and 28 February in Copenhagen, representatives from leading European research institutes and scientific organisations as well as their partner enterprises will be meeting for an intense exchange of information and technology transfer. REUTER TECHNOLOGIE will be present and is looking forward to interesting talks and a wide range of inspiration.

**Invest in the future! Contact us now.**

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