PRESS RELEASE
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Chucks and Clamps for the semiconductor equipment industry -
A success story from the Berliner Glas Group

With customer-specific vacuum chucks, electrostatic chucks, precision structural components, reference mirrors and stage modules, Berliner Glas offers versatile products that are used in complex semiconductor production systems and meet the highest quality standards.

Chucks and clamps are key components of these production machines. Depending on the application, the chucks must meet different requirements. For example, they should have a defined clamping force or flatness and ensure that the wafer backside contamination is reduced.

Berliner Glas has extensive knowledge, expertise and many years of experience in chuck design and manufacturing of these high-quality products. Under the title "Perfecting Chucks", Berliner Glas has published several documents that describe the different approaches and tests that lead to meeting the challenging specifications of the semiconductor equipment industry.

In addition, the company has set up a test center in Berlin to accelerate the development of customer-specific chucks. In this test center, test parts that are manufactured using the rapid prototyping process are checked and evaluated together with the customer very early in the development phase. Thus, it is possible to evaluate the basic principle of the chuck design inexpensively and above all quickly and to incorporate the experience made into the final design of the chuck. This minimizes risks, shortens development times and optimizes product properties.

For further information please visit the following website:
https://www.berlinerglas.com/perfecting-chucks
About the Berliner Glas Group:
The Berliner Glas Group ([www.berlinerglasgroup.com](http://www.berlinerglasgroup.com)) is one of the world’s leading providers of optical key components, assemblies and systems, high-quality refined technical glass as well as glass touch assemblies. With more than 1,600 employees, the BERLINER GLAS GROUP develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. As OEM partners from concept to volume production, the Berliner Glas Group companies serve innovative customers in various market segments – semiconductor industry, laser and space technology, medical technology, metrology and the display industry.

Press contact:
Berliner Glas KGaA
Herbert Kubatz GmbH & Co.
Waldkraiburger Straße 5
12347 Berlin, Germany
www.berlinerglasgroup.com

Wencke Schulz
Marketing & Communications
Phone +49 30 60905-367
Fax +49 30 60905-100
Wencke.Schulz@berlinerglas.de