

Press Release

Lauben, Germany, March 2018

Technical Ceramics Made of Sintered, Hexagonal Boron Nitride – for a Growing Number of Industrial Applications Henze BNP AG – Focused on Boron Nitride  
(Hall 5 / Stand A16)

*At Hannover Messe 2018, Henze BNP presents hexagonal precision components made of various boron nitride qualities, which are currently deployed in more than 30 different industry sectors under the brand name HeBoSint®. This means increased productivity, improved security and greater economic efficiency for the production processes.*

“Our sintered boron nitride products are true multi-talents,” emphasizes Matthias Henze, CEO of Henze BNP AG. “Not only are their outstanding material properties convincing; their variety of different possible applications is impressive, too. Here, e.g., they are used in PVD and plasma systems, in high temperature furnaces, in sintering technology and powder metallurgy, in the solar industry, for welding and soldering, and also in research and development.”

Henze BNP produces these complex boron nitride sintered components on state-of-the-art precision milling and turning centres, manufacturing spacers, tubes, crucibles, hollow parts, nozzles, and more complex components.

The **HeBoSint®** products are divided into three product lines, depending on their main fields of application:

**HeBoSint®** PURE LINE – pure with high thermal performance

**HeBoSint®** CLASSIC LINE – reliable and versatile

**HeBoSint®** STRONG LINE – for high mechanical loadings

“Many products are created in the course of intensive cooperation with our customers, who frequently approach us with very specific requirements. This way completely new solution approaches and also new products are often created,” says Matthias Exner, Sales Manager at Henze BNP AG.   
**HeBoSint®** products are chemically resistant toward most metal, glass and salt melting; they display good separation properties, are temperature-resistant at air up to more than 900 °C and up to more than 2000 °C in a vacuum or under protective gas; they display low thermal expansion, high thermal conductivity, and are also an outstanding electrical insulator at high temperatures.  
Apart from **HeBoSint®**, **HeBoCoat®**, **HeBoFill®** and **HeBoLub®** are also presented. These are used, e.g., in liquid form, as a spray or powder in coatings, release agents, filling agents, and lubricants.

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**Figure captions**

**(Henze\_1\_2018-3.tif)**

**HeBoSint®** components for high temperature furnaces

**(Henze\_2\_2018-3.tif)**

Milling of a **HeBoSint®** component

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Hannover Messe**, Hall 5, Stand A16**