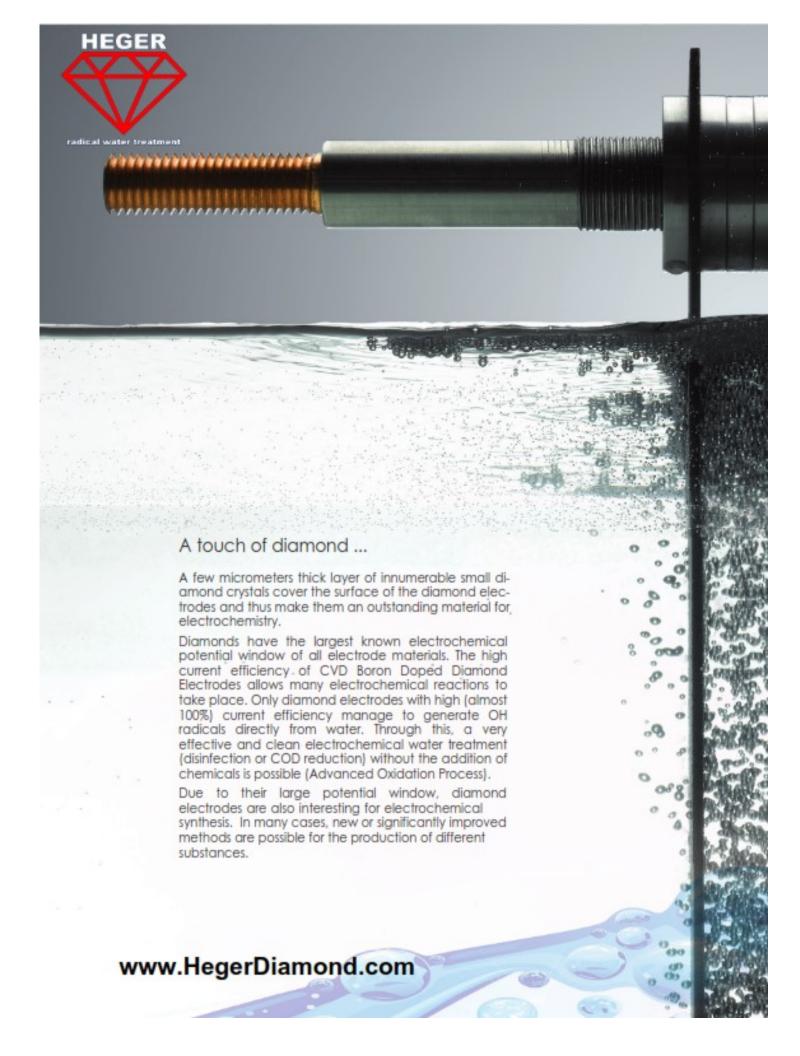
Boron doped

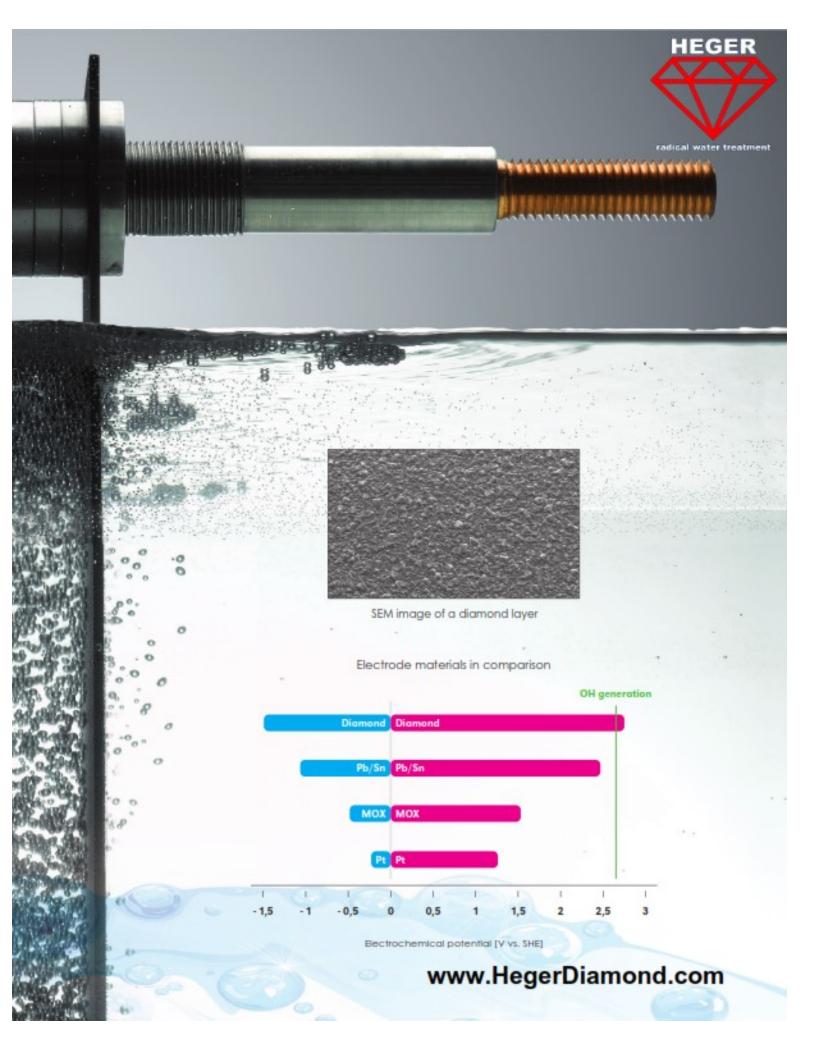
Diamond Electrodes

for "radical" watertreatment and synthesis

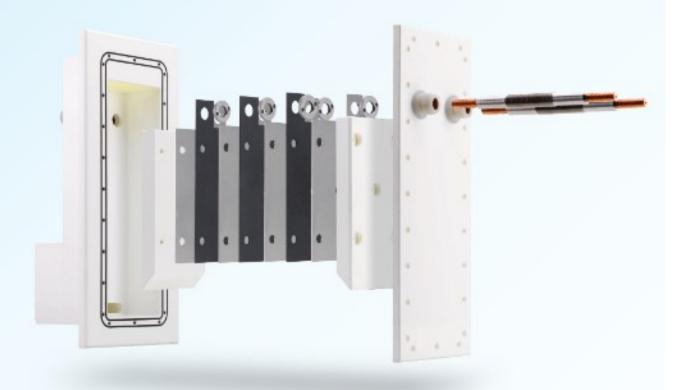












Electrodes

Our diamond electrodes are available in several standard geometries. These plates are excellently suitable in the electrolyzers we offer. In addition, diamond electrodes made of expanded metal or 3D geometry (e.g. rods) can be produced. Water jet cutting or laser welding allow for individual electrode geometries.

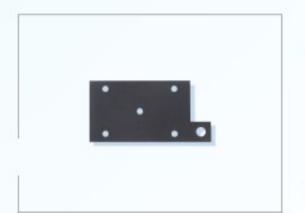
Electrolyzers

We offer complete electrolyzers for our standard electrode types. These are compact and easy-to-use systems, that can be easily integrated in your systems. Variants with stainless steel cathodes or reversible-polarity are available. The modular design allows anode surface areas from 116 square inch to 1395 square inch (0.075 m2 to 0.90 m2) per electrolyzer.

Large System Electrolizers are designed and built depending on your Process Requirements

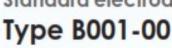


www.HegerDiamond.com



Standard electrode

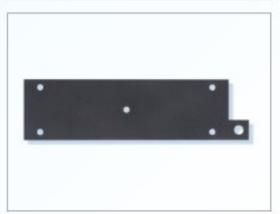
Company Specificate (Specificated)





Active electrode surface: 116 square inch - 750 cm²

Coating thickness: ≥ 12 µm



Standard electrode

Type BX002-10

Dimensions (without connection tab): 20" x 6" (500 mm x 150 mm)

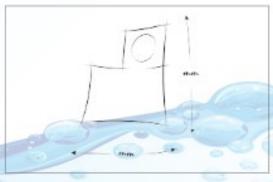
Active electrode surface: 232 square inch -1500 cm²

Coating thickness: ≥ 12 µm



Mesh electrodes

Mesh electrodes of various types with or without welded connection elements



Custom-made electrodes

Custom-made electrodes with various geometries.



Welded electrodes

Exceptionally large electrodes or complex geometries can be produced by welding.









Heger Diamond is a worldwide leading company in the field of CVD diamond coating.

We specialize in high quality diamond coating of mechanical seals / bearings, and the production of long-term stable diamond electrodes.

