

## CCDia – High performance solution for cutting

- Cutting of graphite, green parts, plastics and composites rich on minerals.

Diamond coatings from CemeCon Scandinavia A/S are at the cutting edge of engineering and, together with reliable tool solutions, optimal tool geometries and cutting data, they contribute to a reduction of costs. CCDia coated tools retain their qualities longer and the benefits are reduced production costs along with products of a higher and more consistent quality. The right diamond coating can optimize production and prevent destructive wear. The highly trained technicians of CemeCon Scandinavia, with their expert knowledge regarding the use of our coating technology, are always at your service.



**CCDia<sup>®</sup> CarbonSpeed**  
(Co≤10%)

Used primarily for processing of graphite and green parts made from cemented carbide and ceramics.

*CCDia<sup>®</sup> CarbonSpeed is a multilayer diamond coating with a hardness of 10,000 HV. Due to its hardness, it protects extremely well against abrasive wear. Maximum service temperature: 700 °C.*



**CCDia<sup>®</sup> FiberSpeed**  
(Co≤10%)

Used primarily for processing of fiber reinforced plastics, sandwich materials and composites reinforced with fiberglass for graphite.

*CCDia<sup>®</sup> FiberSpeed is a nano crystalline, multilayer diamond coating with a hardness of 10,000 HV. Due to its hardness, it protects extremely well against abrasive wear. Maximum service temperature: 700 °C.*



**CCDia<sup>®</sup> MultiSpeed**  
(Co≤10%)

Used primarily for processing of AISi- and TiAl alloys along with materials rich on composites and minerals. Also used for processing of plastics rich on minerals.

*CCDia<sup>®</sup> MultiSpeed is a nano crystalline, multilayer diamond coating with a hardness of 10,000 HV. Due to its hardness, it protects extremely well against abrasive wear. Maximum service temperature: 700 °C.*

CCDia<sup>®</sup> is a CVD high temperature coating process, which is only used on tools and tips made from cemented carbide. The diamond coating, made from hardest known material, is a dark grey coating, and the type can be specified according to usage.