

OUR COMMITMENT TO SECURING OUR CUSTOMERS SUPPLY CHAINS



With global geo-political dynamics constantly in evolution, international markets display heightened awareness of potential disruptions that could impact the superabrasives supply chains.

The term 'superabrasives' usually refers to materials used in grinding or polishing applications for critical industries such as construction and semiconductors. However, these products also represent key raw materials for the production of cutting tools and drilling compacts across a range of applications, in sectors such as automotive, aerospace, oil & gas, defense and many more.

Leveraging over 70 years of expertise and global leadership and innovation in superabrasive solutions, at Element Six (E6) we place our customers at the core of everything we do. This is why we actively implement extensive risk management processes, working together with our global network of partners to minimize any supply chain impact, safeguarding our customers' operations at all times.

ABOUT ELEMENT SIX

As a trusted, western supplier of super-hard material solutions, over the past decades E6 has relentlessly invested in the development and optimization of its proprietary high-pressure, high-temperature (HPHT) and chemical vapor deposition (CVD) synthesis platforms, as well as a range of carbide sintering capabilities and extensive micronising, machining and value-add processes.

With a global network of manufacturing facilities across US, UK, Ireland, Germany, and South Africa, and sales and distribution presence across the Americas, Europe and Asia, E6 is the leading western super-abrasive supplier with the necessary scale, capabilities and expertise to address the most demanding technological requirements in sectors such as energy, aerospace, automotive and semiconductors.



WORLD-CLASS DIAMOND SOLUTIONS, SINCE 1958

E6 first synthesized its high-quality diamond grit at the Johannesburg Diamond Research Laboratory in 1958 and, ever since, its innovation journey never stopped. Today, we continue to advance our R&D material science, engineering and manufacturing expertise and, at our Global Innovation Centre, based near Oxford (UK), our scientists and engineers have one mission: unlocking new levels of competitive advantage to deliver the next generation of super-hard solutions and enable the applications of tomorrow.

WHY ELEMENT SIX

One of E6's unique advantages, compared to other suppliers, is the capability to leverage its state-of-the-art, proprietary HPHT and CVD production platforms, in addition to a range of carbide sintering furnaces and highly automated brazing lines. These are complemented by E6's world-class powder processing techniques, advanced diamond and carbide machining technologies, value-add solutions, and precision measurement expertise.

E6's facilities operate in a world-class manufacturing environment, leveraging advanced digitalization to enable data-driven decision making and problem solving. With safety and business continuity at their core, at no time in the past seventy years have E6's operations or supply been significantly disrupted. Throughout the COVID pandemic, E6's global plants operated in a responsible but reliable manner, prioritizing its existing customers and their ongoing operational requirements.

Our pledge to our customers is to continue to uphold the outstanding levels of quality and service which can be expected from E6, and maintain our global reputation of trusted supplier, regardless of the rapidly shifting geopolitical dynamics.

