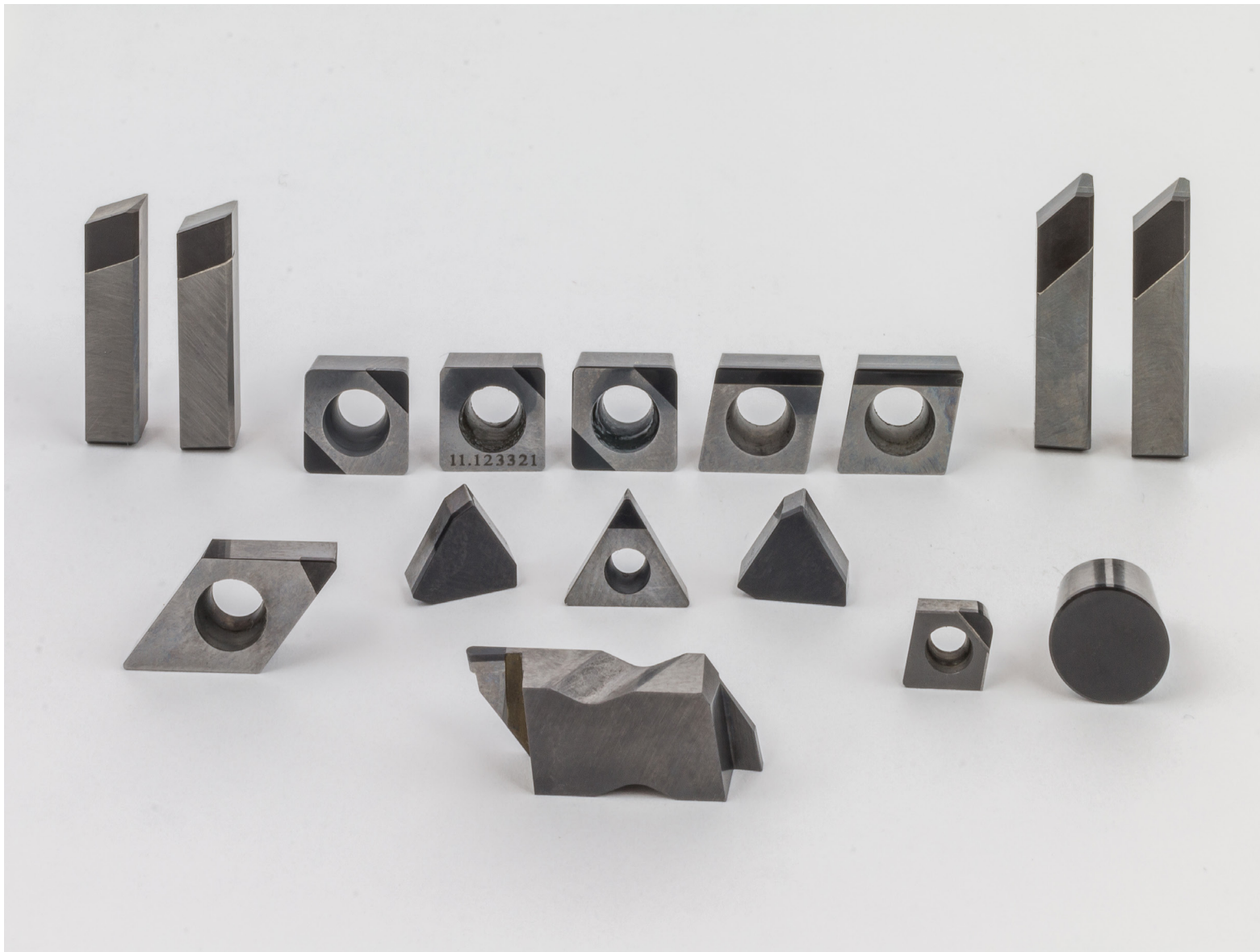


CUBIC BORON NITRIDE TOOLS



From Custom Designs to Standard CBN Inserts





STF Precision produces a wide range of standard and custom Cubic Boron Nitride (CBN) cutting tools for hard machining applications. We partner with CBN manufacturers throughout the globe to match the best grade of material for our clients' applications.



CBN For High Hardness Applications

Each month STF produces a wide variety of CBN-tipped inserts, as well as custom tools for ferrous metal machining of gears, engine blocks, brake rotors, transfer housings and many other applications. Our CBN tips are lasered to size in-house and then brazed using one of our vacuum furnaces or one of our many induction brazing machines. Flatness and parallelism are guaranteed with our double-sided Stahli grinder, while tools are finished using one of our 10 robot loaded CNC grinders. Tools requiring edge preparation are also honed or k-landed in-house.

STF Precision Tools Produce the Sharpest Cut in the Industry

	Name	Industry	Comments
	Boring Bite	Automotive	This CBN tool bores the cylinder liner of a production automotive engine.
	RCGX Round	Rebar Manufacturing	A full round CBN insert brazed to a custom carbide form.
	Custom Full Top	Automotive	This full top CBN insert allows for 3 uses per tool.
	TPG-321	Automotive	Our Arden, NC facility produces thousands of this standard TPG CBN insert.

To learn more about our company and products or to request a brochure, visit stfprecision.com. To schedule an appointment with one of our representatives, call us at 800.798.3686.