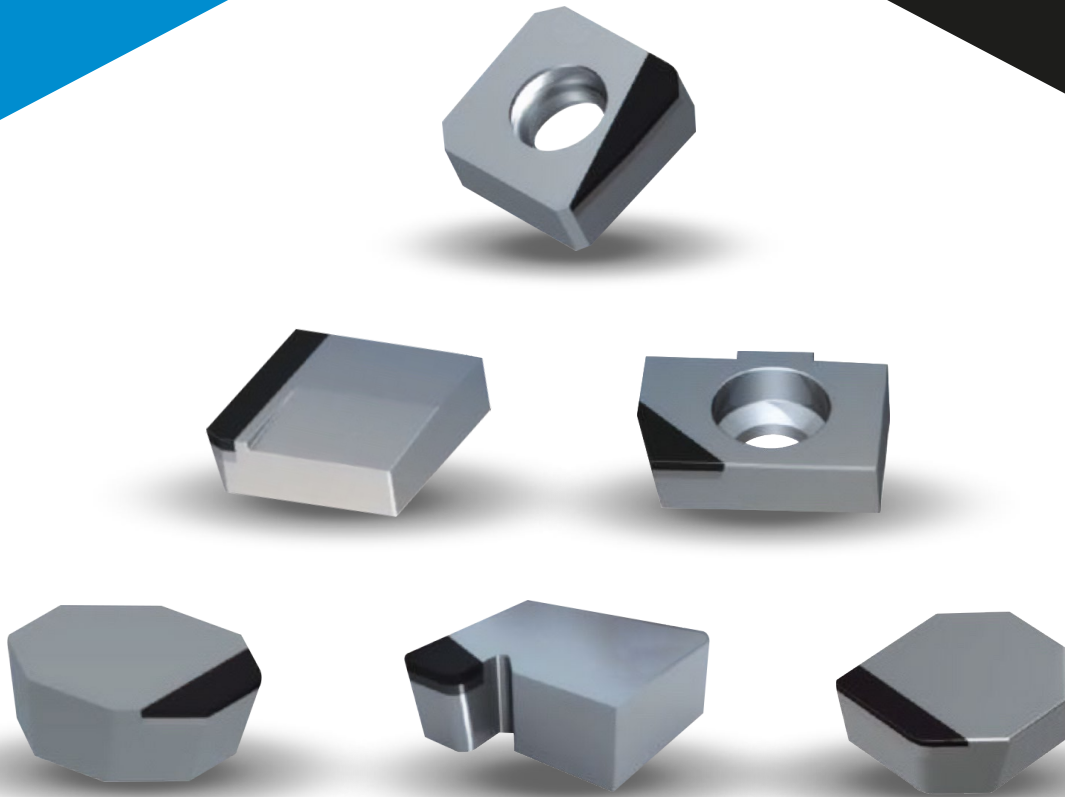
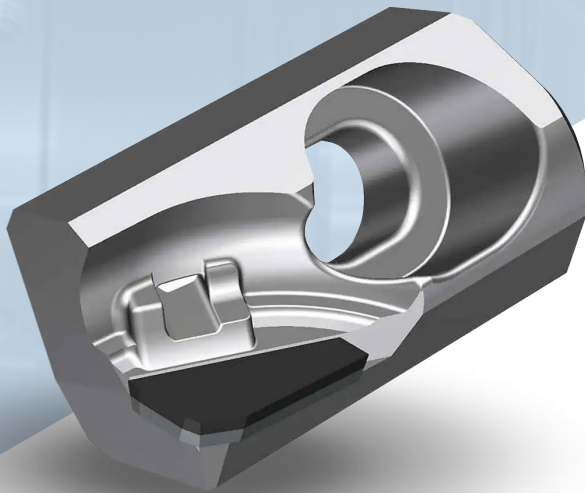


PCD/PCBN INSERTS



PCBN MILLING INSERT

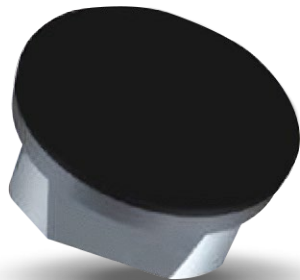
PCBN milling insert is mainly used for processing cast iron material; Cutting speed can reach 800-1500m/min, which is 5-10 times quicker than that of traditional cutting tools; Roughness can reach Ra0.2; Milling insert is now leading the inevitable trend of cutting tool development with its excellent advantages like high efficiency and long tool life, etc.



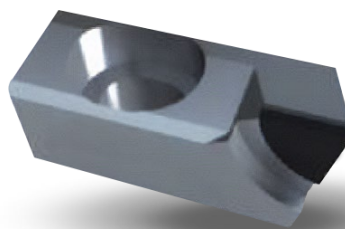
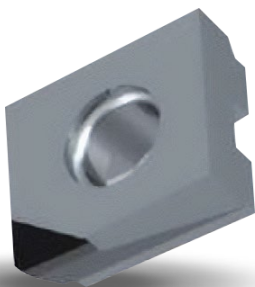
PCD MILLING INSERT



PCD milling tool is mainly used for high precision processing of non-ferrous metal; It features high wear resistance, good shock resistance and no sticky chips, suitable for mass-produce production line; Aluminum alloy and die-casting aluminum material are generally used in engine manufacturing industry PCD milling tool is perfectly suitable for processing aluminum alloy and now is widely used in the engine industry.

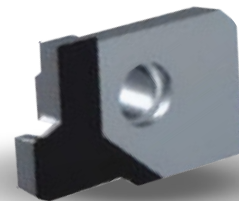
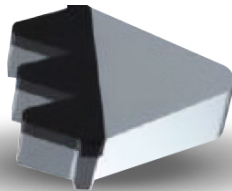
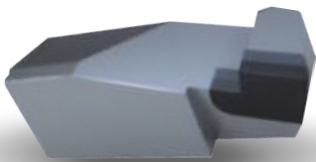
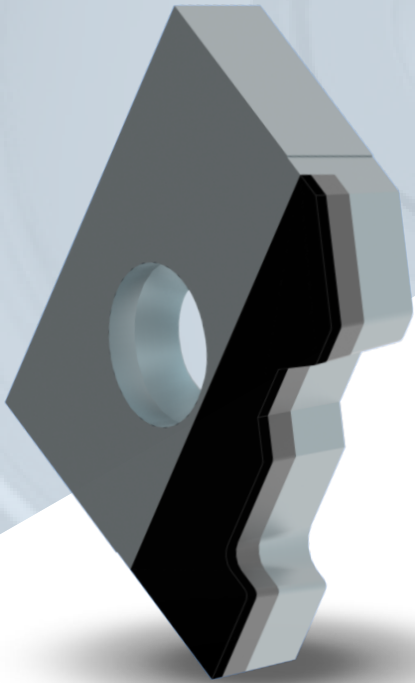


It is certain that the PCD milling tool will have a great development in the future.



Form Tool Series

FORM CUTTING TOOL SERIES



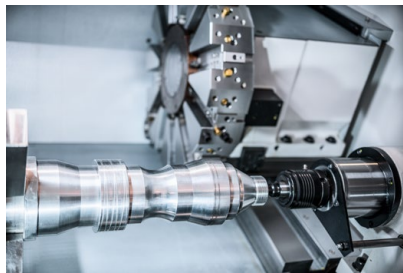
Over past years, while manufacturers keep promoting quality and function constantly, they also pay more attention to the processing efficiency and cost. Our form cutting tool series attract plenty of customers by features of stability and high processing efficiency.

In order to satisfy our customer's practical needs, we always focus on the research and upgrade of new production. These productions are now widely used in the fields of aircraft, automobile manufacturing, medical appliances with marvelous performance.

Grooving Tool Series

PCD/PCBN grooving tool series can be used for processing ring grooves of piston. Because of high temperature, pressure and wear resistance working condition, piston processing requires high outline precision and roughness of surface.

PCD/PCBN grooving tool series can satisfy these strict demands with perfect processing performance.



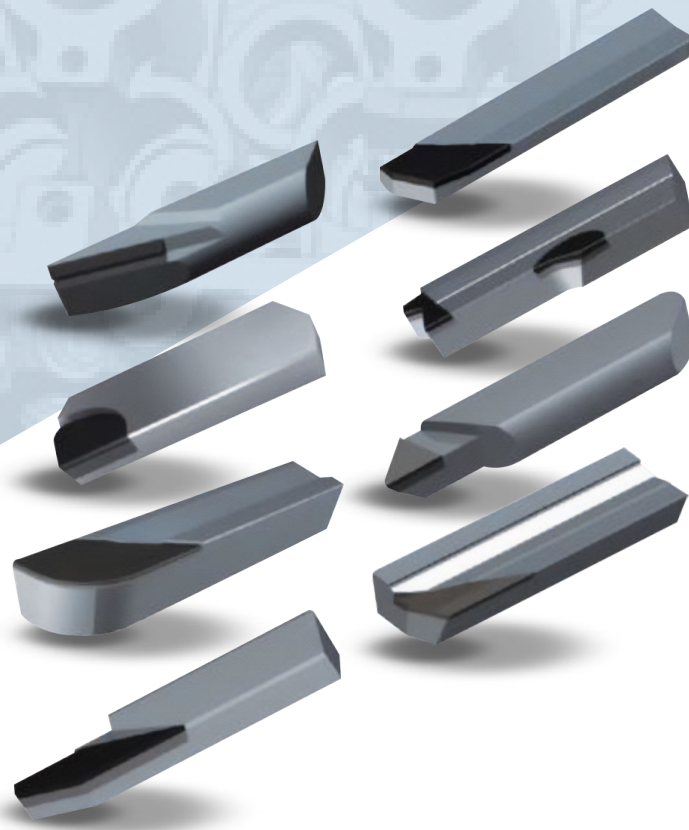
PCBN grooving tool is used for high finish machining of hardened steel and cast iron in gear and compressor manufacturing industry. Take the machining of gear HRC58-62 for example, PCBN grooving tool can have a good finish machining of slot, internal diameter, external diameter and end face; It can also improve the surface precision and effectiveness, which reduce the cost and improve the efficiency.

The process technology of machining hardened steel and cast iron has been widely used by far.



Boring Tool Series

PCD/PCBN BORING TOOL SERIES

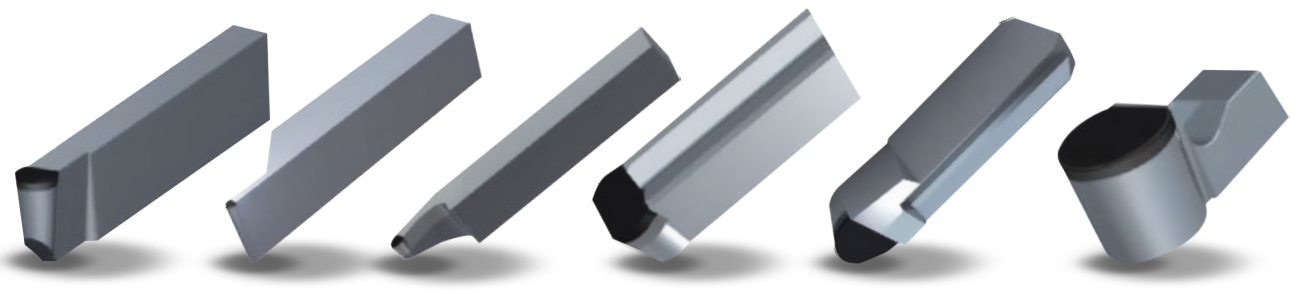


PCD/PCBN boring tool series is widely used in machining industry. Back taper of valve seat and valve guide pipe hole have the strict requirement of machining the roundness and axially. PCD/PCBN boring tool not only can guarantee the valve closure but also the engine performance, meantime improve production efficiency

WHEEL HUB CUTTER SERIES


Wheel hub cutter is made of PCD which can reach hardness of HV8000, it features good thermal conductivity, high compact resistance, and can make heavy and interrupted cutting.

In high speed cutting processing, wheel hub cutter can offer better precision and surface smoothness.






CONTACT US

 +52 81 2944 7830
+52 81 3453 0513

 ventas@gwtmetal.com
ventas.slp@gwtmetal.com

 **Global Working Tools**
México,



You can count on us to support you with the optimization and cost reduction on your machining processes