

## Innovation

Our design engineers carefully analyze each drilling application and develop practical and comprehensive solutions for even the most complex challenges.

## Quality

Meticulous craftsmanship is one of our hallmarks. No product leaves our factory without passing some of the strictest quality control standards in the industry.



## Service

Our marketing teams and field engineers, with local knowledge and experience, offer one-on-one support to customers around the world.

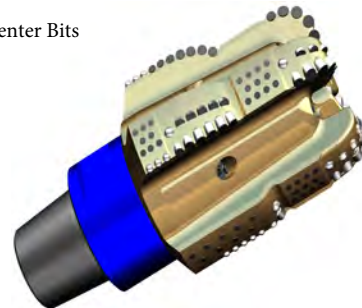


BesteBit offers a full line of fixed cutter bits and premium downhole drilling tools.

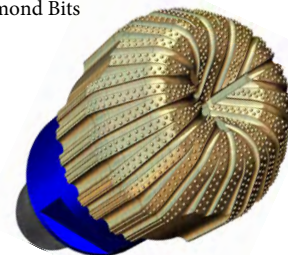
Matrix and Steel Body  
PDC Bits



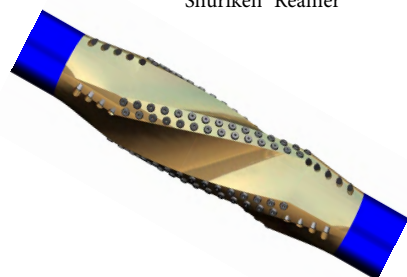
Bi-Center Bits



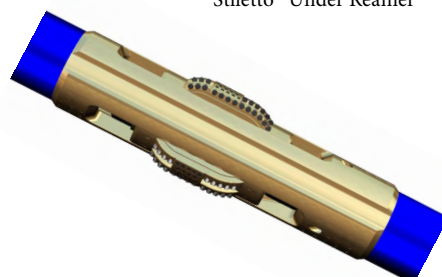
Natural Diamond Bits



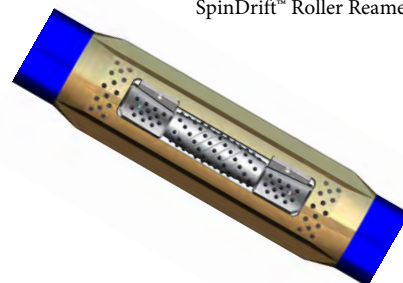
Shuriken® Reamer



Stiletto™ Under Reamer



SpinDrift™ Roller Reamer



For more information on our drill bits and drilling tools visit us at -  
[www.bestebit.com](http://www.bestebit.com)



# DIAMOND IMPREGNATED DRILL BITS



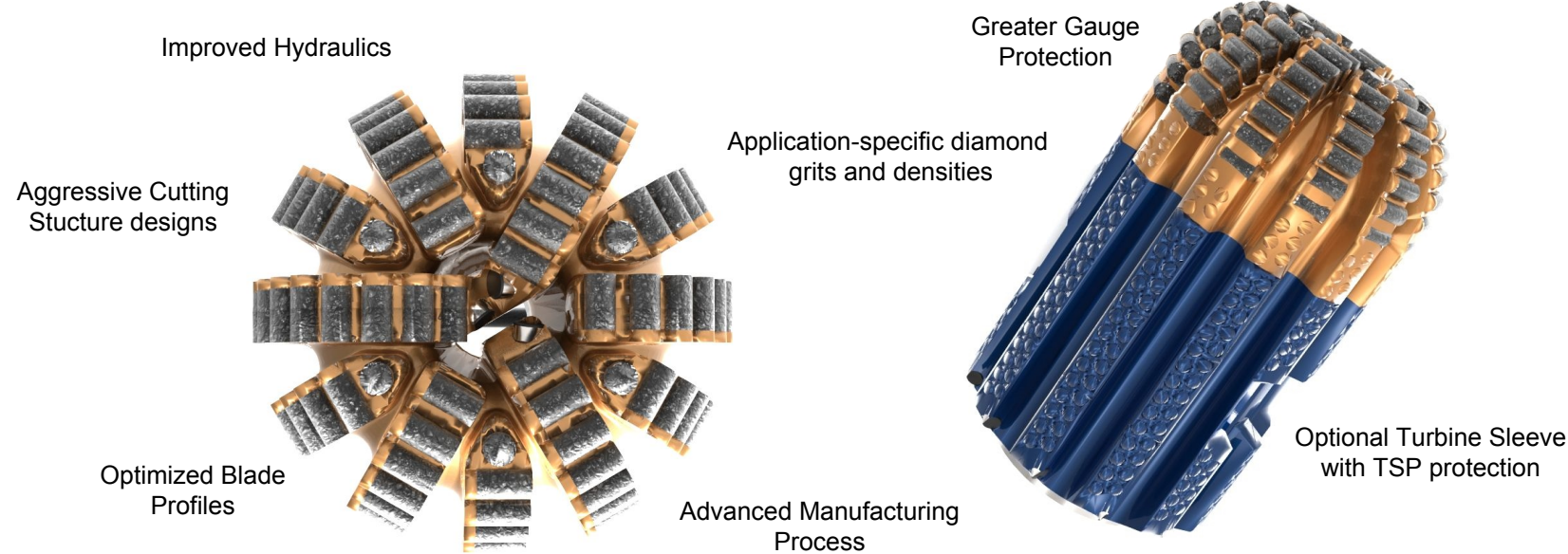
Chengdu Best Diamond Bit Co., Ltd.  
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Sichuan, China 610041  
Telephone: 86-28-85311882

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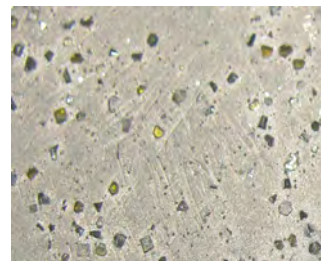


# Performance Drilling In The Most Challenging Environments

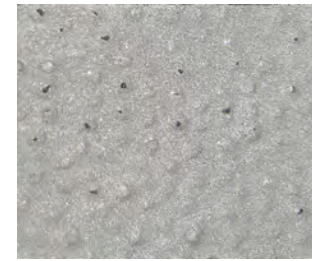
The MAX series of diamond impregnated bits feature advanced materials technology resulting in a highly flexible platform for optimized designs, with versatility and reliability in even then most challenging formations. The result is the ability to drill longer intervals through hard and abrasive formations faster and with a lower cost per foot.



The cutting elements of MAX series bits are made from hot isostatic pressed (HIP) segments which are formed in a variety of shapes and sizes. Diamonds coated with a metal binder, densely sintered within a tungsten carbide matrix powder, result is a superior cutting element. A higher diamond density, with more uniform distribution and no thermal degradation, is achieved.



Old Impreg Bits

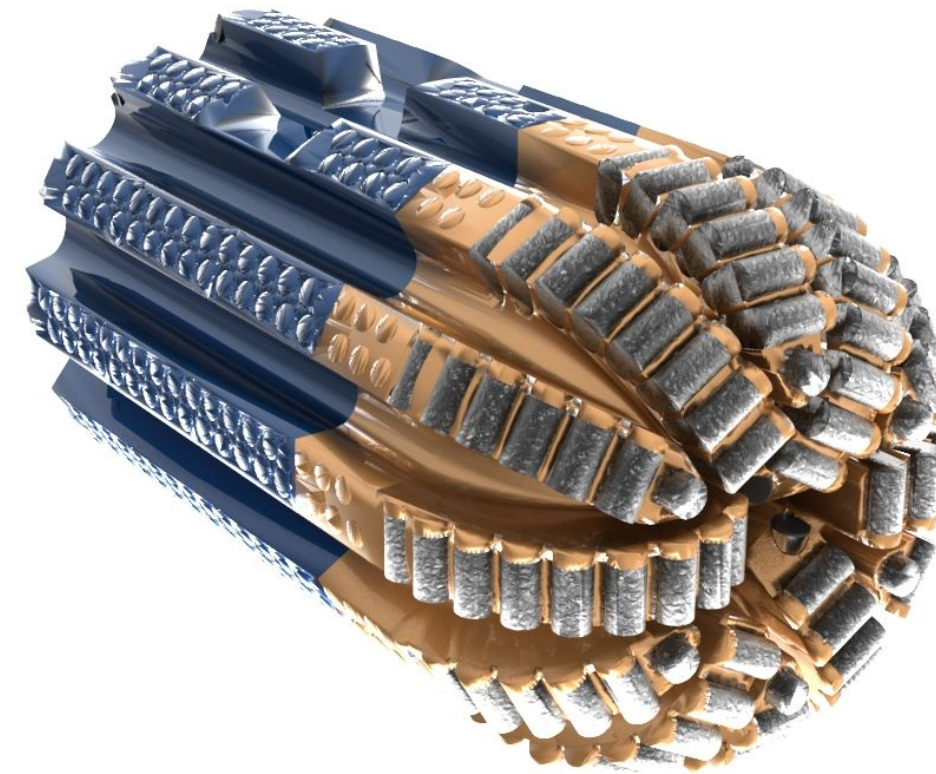


New Impreg Bits

Strict diamond selection of size and quality, along with uniform distribution of diamond concentrations, ensure the reliability, durability and consistency that is needed. Atmosphere controlled coated diamond processing results in improved diamond bonding, lower oxidation and less graphitization providing improved wear characteristics and durability.

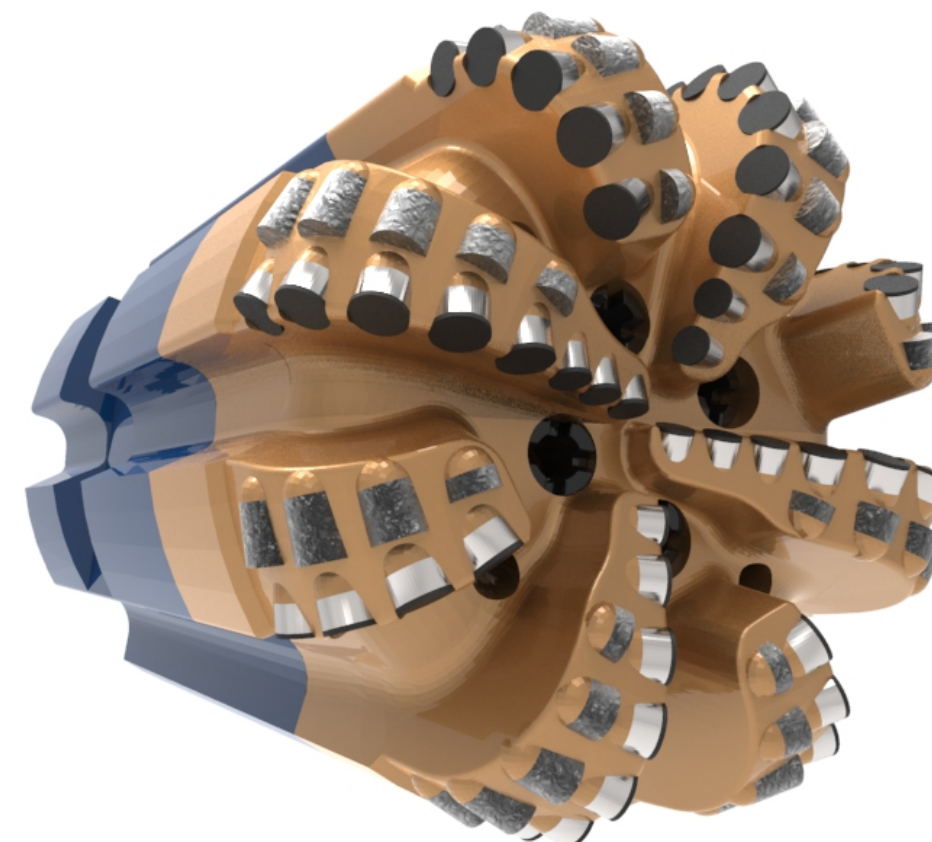
## Applications and Benefits

- Extremely hard formations
- Highly abrasive sections
- Complex interbedded sections
- High speed motor and turbine applications
- Longer intervals drilled
- Increased stability
- Fewer bits and trips
- Lower cost per



## Turbo-Max

TurboMax™ bits use flexible diamond impreg blocks, allowing optimized designs in blade profile, application specific diamond grit size and density, more efficient cooling and cleaning, and greater gauge protection. The results are more aggressive designs for greater ROP, improved durability, better performance and more footage drilled. With a more balanced workload for smoother running and longer bit life, overall drilling efficiency is greatly improved. The cutting structure of diamond blocks allow a more aggressive rate of rock removal, enabling the bit to drill in places where PDC bits typically cannot perform. TurboMax™ bits can greatly improve bit life, while minimizing trips and the number of bits required, when drilling extremely hard and abrasive intervals.



## Drill-Max

The DrillMax™ Series of combines the cutting actions of standard PDC drill bits with that of Diamond Impregnated bits. Where PDC bits are not durable enough and diamond impregnated bits are too slow, DrillMax™ bits will drill faster and last longer through harder and more abrasive formations. With the dual cutting action of these bits, the Trident® PDC cutting structure enables high cutting efficiency in the fixed cutter drillable section, while the diamond impregnated cutting structure engages the harder more abrasive formation once the PDC cutters start to wear.