



WolCar™ Carbide

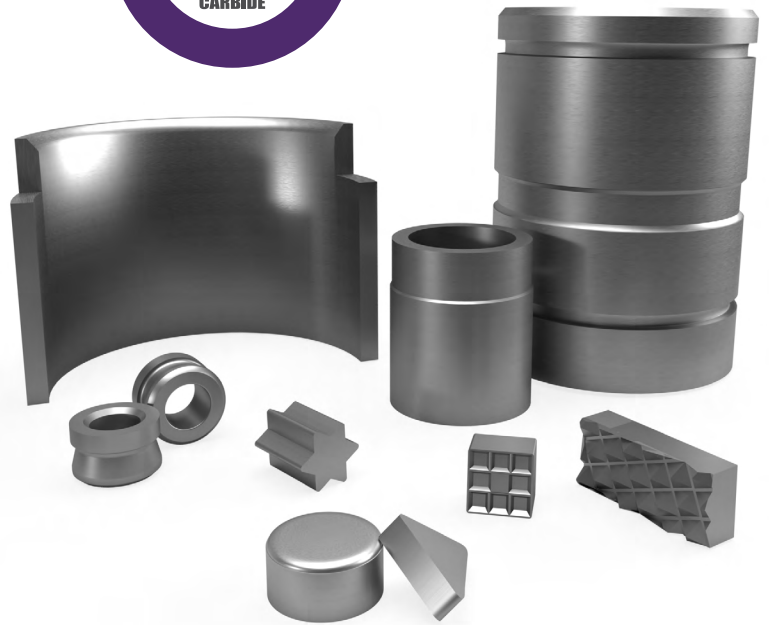
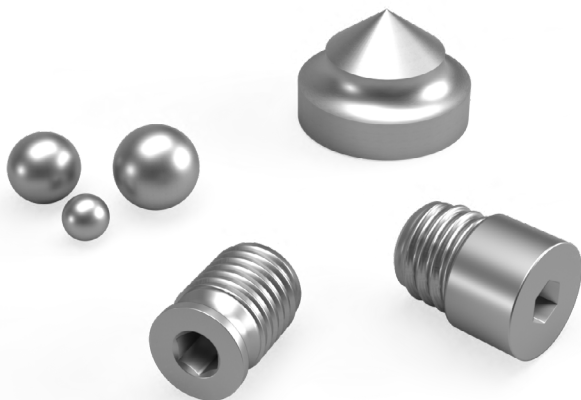
Meeting Your Toughest Demands

WolCar™ carbide is Hi-Tech Seals' family of superior performing cemented tungsten carbide materials. WolCar™ offers extreme toughness, hardness, and remarkable wear resistance, making it suitable for high-stress environments. WolCar™ can be produced into virtually any shape and size, allowing us to provide customers with precision components for a wide range of industrial applications.

WolCar™ carbide utilizes cobalt and nickel binder agents. **Nickel-bonded WolCar™** offers excellent corrosion and wear resistance without compromising strength, making it ideal for harsh environments. **Cobalt-bonded WolCar™** provides superior impact resistance compared to its nickel counterpart. It maintains excellent strength at high temperatures and is highly abrasion resistant. Cobalt is widely used for its ability to deliver high strength and toughness. Other binder agents are available upon request.

WolCar™ Carbide advantages:

- Superior strength and toughness
- Exceptional wear and abrasion resistance
- Outstanding performance at high temperatures
- Remarkable corrosion resistance
- Excellent chemical resistance
- Highly resistant to deformation



WolCar™ can be used to create bits, inserts, bushings, poppet bolts, inner sleeves, wear parts, valve parts, sealing rings, MWD components, road milling tools, and more. They are used in markets and industries, including:



Oil and Gas



Fluid Handling



Mining



Automotive



Agriculture



Construction

WolCar™ carbide is a great solution for your most demanding applications. Hi-Tech Seals has the experience to assist you in the selection of the proper carbide grade.

