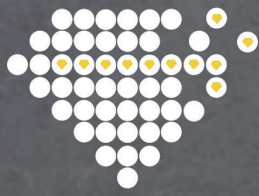




**FOCUS ON RESEARCH &  
DEVELOPMENT INNOVATION**



# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## BOREAS ABRASIVES

Diamond Abrasives & Grinding Tools

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## CBN Belts

**Abrasive particle size:** 40#-5000#

**Specification and size:** width: 5mm-350mm; length: 150mm-5000mm.

**Application:**

Suitable for grind and polishing the workpieces with complex shapes of hard and flexible materials in the field of mechanical engineering, such as iron-based alloy, titanium alloys, stainless steels, high-temperature alloys (nickel-based and cobalt-based alloys).

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## Diamond Belts

**Abrasive particle size:** 40#-5000#

**Specification and size:** width: 5mm-350mm; length: 150mm-5000mm.

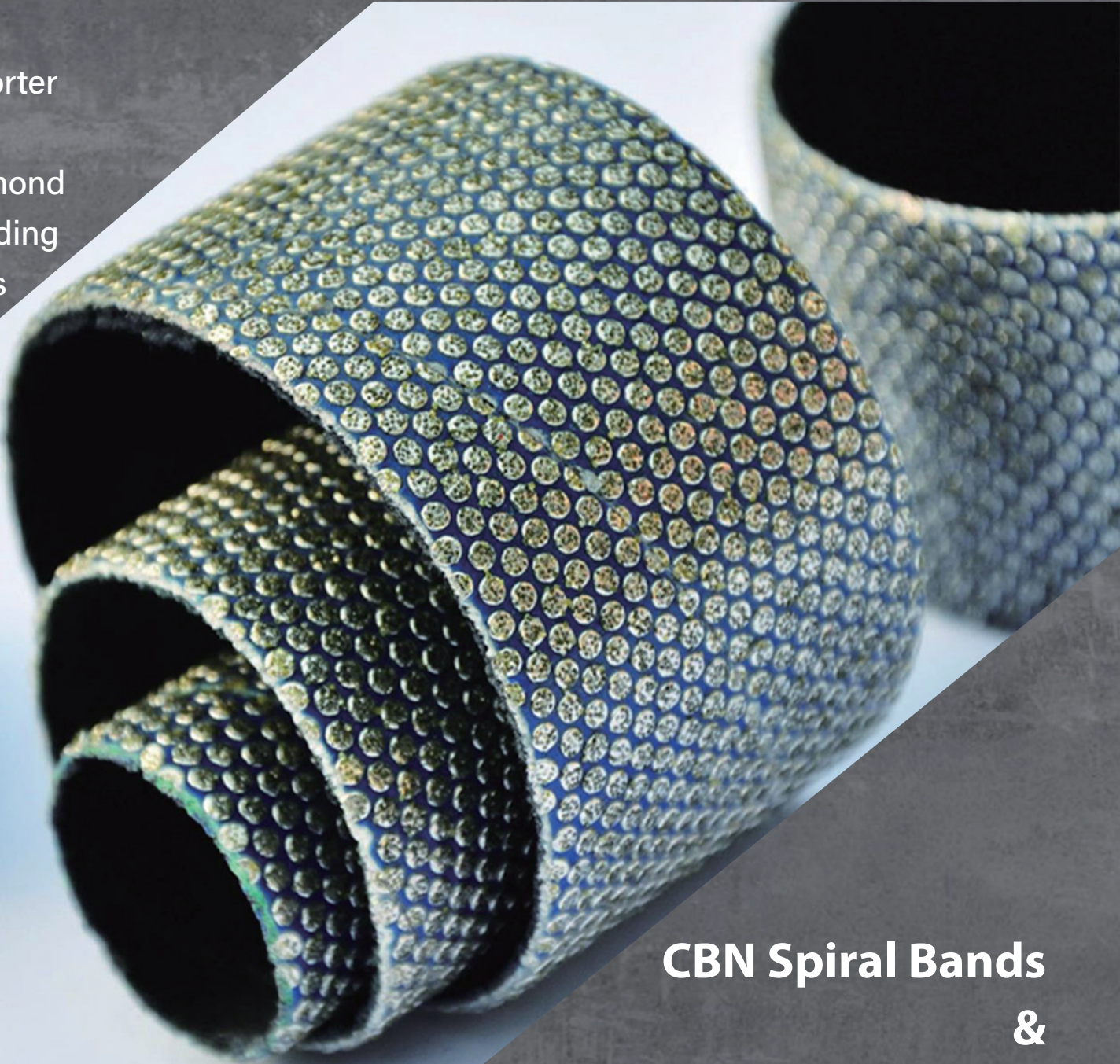
**Application:**

Suitable for grinding and polishing the complex shapes of hard and brittle materials, such as stone, glass, ceramic, monocrystalline silicon, multi-gold silicon, synthetic materials, hard alloys, aluminum alloys, etc.

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## CBN Spiral Bands & Diamond Spiral Bands

**Abrasive particle size:** Diamond/CBN 40#-5000#

**Specification and size:**  $\Phi$ 10mm-100mm

### **Application:**

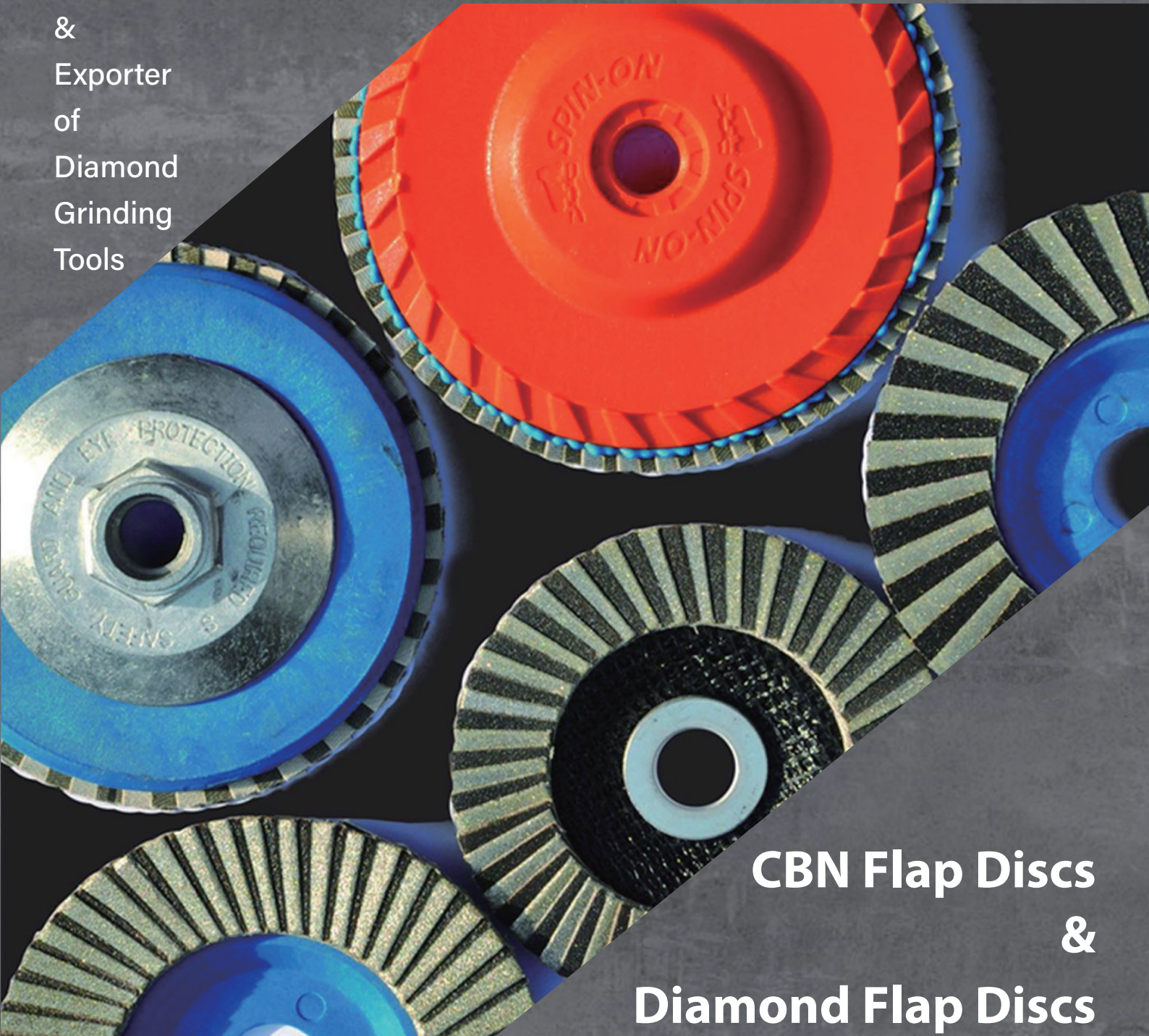
**Diamond Spiral Bands:** Suitable for grinding and polishing the complex shapes of hard and brittle materials, such as stone, glass, ceramic, monocrystalline silicon, multi-gold silicon, synthetic materials, hard alloys, aluminum alloys, etc.

**CBN Spiral Bands:** Suitable for grinding and polishing the workpieces with complex shapes of hard and flexible materials in the field of mechanical engineering, such as iron-based alloys, titanium alloys, stainless steels, high-temperature alloys(Nickel-based and Cobalt-based alloys).

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## CBN Flap Discs & Diamond Flap Discs

**Abrasive particle size:** Diamond/CBN 40#-600#

**Specification and size:**  $\Phi 100*16$ ;  $\Phi 115*22$ ;  $\Phi 125*22$

### Application:

**Diamond Flap Discs:** Suitable for stone, glass, ceramic, monocrystalline silicon, hard alloy, spray coating, especially suitable for large processing allowance of glass edges.

**CBN Flap Discs:** Suitable for removing large residual of hard and flexible materials, such as titanium alloys, high-temperature alloys and stainless steels.

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## CBN Discs & Diamond Discs

**Abrasive particle size:** Diamond/CBN 40#-5000#

**Specification and size:**  $\Phi$ 10mm-600mm

### Application:

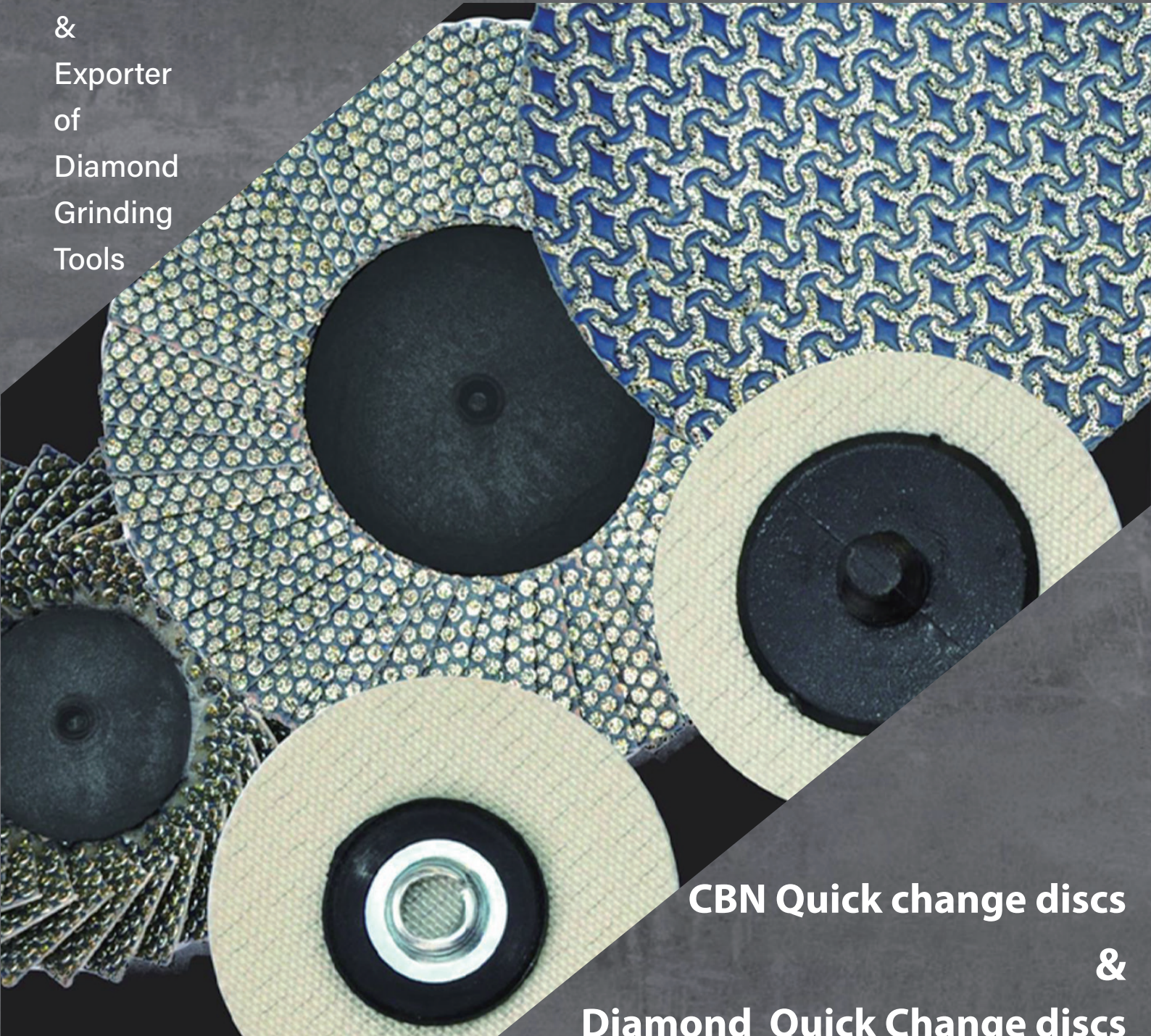
**Diamond Discs:** Suitable for grinding and polishing the hard and brittle materials with the complex shapes and surfaces, such as stone, glass, ceramic, monocrystalline silicon, polycrystalline silicon, synthetic materials, hard alloys, aluminum alloys, etc.

**CBN Discs:** Suitable for grinding and polishing the workpieces with complex shapes of hard and flexible materials in the field of mechanical engineering, such as iron-based alloys, titanium alloys, stainless steels, high-temperature alloys (nickel-based and cobalt-based alloys).

# Boreas

Since 1990

Manufactory  
&  
Exporter  
of  
Diamond  
Grinding  
Tools



## CBN Quick change discs & Diamond Quick Change discs

**Abrasive particle size:** Diamond/CBN 50#-1000#

**Specification and size:** 2" 3" 4"

### **Application:**

**Diamond Quick Change Discs:** Suitable for dressing and grinding the curve surfaces of the hard and flexible materials in the field of mechanical engineering, such as titanium-based alloys, titanium alloys, stainless steels and high-temperature alloys.

**CBN Quick Change Discs:** Suitable for grinding surfaces of the hard and brittle materials such as stone, glass, ceramic, monocrystalline silicon, polycrystalline silicon, synthetic materials, hard alloys, aluminum alloys, etc.





# CUSTOMIZATION

[www.usboreas.com](http://www.usboreas.com)

[sales@usboreas.com](mailto:sales@usboreas.com)