

NEW



VSM CBN and diamond abrasives for very hard materials

SPECIALS

PRODUCTS

APPLICATIONS

- very long lifetime
- grinds very hard materials
- consistent surface quality
- suitable for dry or wet grinding

VSM CBN and diamond abrasives for very hard materials

CBN (cubic boron nitride) is the hardest abrasive grain after diamond. Our new VSM CBN coated abrasives are especially suited for grinding of tempered steel (>55 HRC) and titanium alloys. Because of the hardness of diamond abrasive grains our new diamond coated abrasives achieve outstanding results in working of brittle hard materials, glass, ceramics, tungsten carbide, chromium oxide as well as natural stone.

Very long lifetime

- due to little grain wear
- due to innovative grain and belt joint technology

Grinds very hard materials

- due to highest hardness, stability in wear and corrosion of the grains

Consistent surface quality

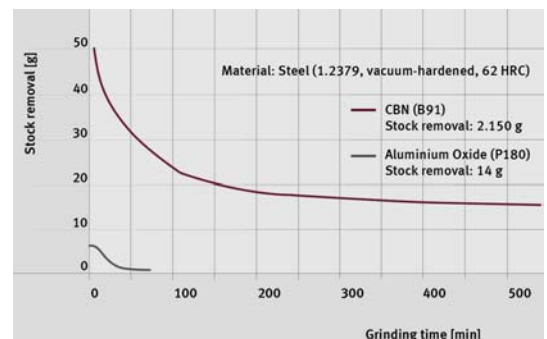
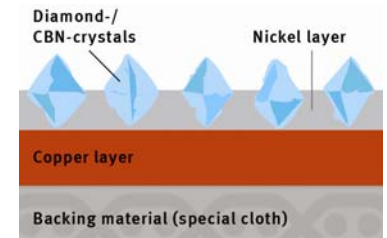
- due to continuous grinding performance and very long lifetime
- due to prevention of thermal damage because of cool grinding

Suitable for dry or wet grinding

- due to good temperature resistance

Data	
Grain type:	CBN and diamond
Grit size:	251µm (P60-80), 126µm (P120), 91µm (P180), 64µm (P240-320), 46µm (P400) and 20µm (P600) on request
Backing material:	special cloth with copper layer (patent-registered)
Bonding:	galvanic bonding

Application recommendations	
CBN:	tempered steels, chrome (coatings), carbonaceous metals, iron castings
Diamond:	glass, ceramics, tungsten carbide, chromium oxide, natural stone
Application recommendations:	flat grinding, edge grinding and grinding of cylindrical workpieces
Workpiece:	rollers, cylinders and yankee rollers, glass edges, sheets of marble and granite, ceramic coated parts
Operation:	robotic and automatic grinding, off-hand grinding



Our worldwide locations can be found at

www.vsmag.de

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