

CREATIVE TECHNOLOGY

diprotex

Products Guide

○ GRINDING WHEELS

○ DRESSER

○ VITRIFIED CBN WHEELS

○ DIAMOND WHEELS & TOOLS

○ PERIPHERAL EQUIPMENTS & RELATED PRODUCTS

diprotex

Diprotex meets all your grinding and polishing requirements, by providing technical products with technical support.

At Diprotex we are continually offering new abrasive products and technologies, in a broad range of applications through our intensive research and development to face the demands higher efficiencies, precision, and cost savings.

To better service our customers; a global sales and engineering network is in place to service and support your needs of manufacturing in today's global climate and market place.

The Diprotex Company, Abrasives, is a global, full fine abrasive industry leader, committed to our customers need for technology engineering and service.

The history of Diprotex

DIPROTEX has become an international benchmark for success because of our ability to quickly adapt to the changing market and diverse needs of customers, and by leading the way in applying the most advanced technology for industrial CBN and Diamond products.

Since 1968, DIPROTEX has been able to greatly expand its market share throughout the world, because we have established a world reputation of high quality products, service, knowledge and expertise in the industry.

DIPROTEX is deeply committed to keep customers up-to-date and equipped with the most competitive products and technical information. Our success can only be measured by the success of our customers.

The key of flexibility and strength in the global market are our many alliances with reliable overseas partners and customers throughout the world. DIPROTEX has successfully teamed up with high-tech manufacturers in Europe, Japan, and USA for the research and development of high precision diamond and CBN wheels, rotary dressers.

The success of a company in today's world depends on their ability to adapt and compete in the global marketplace. DIPROTEX is able to thrive in the age of globalization because we are already globalized.

DIPROTEX is your partner for success.

ISO qualification

Acquisition of ISO 9000 Series

Diprotex has as its basic doctrine the goal of providing quality products and service to customers worldwide as a comprehensive manufacturer of grinding and polishing equipment, responding to customer's vast needs, and maintaining reliability and satisfaction.

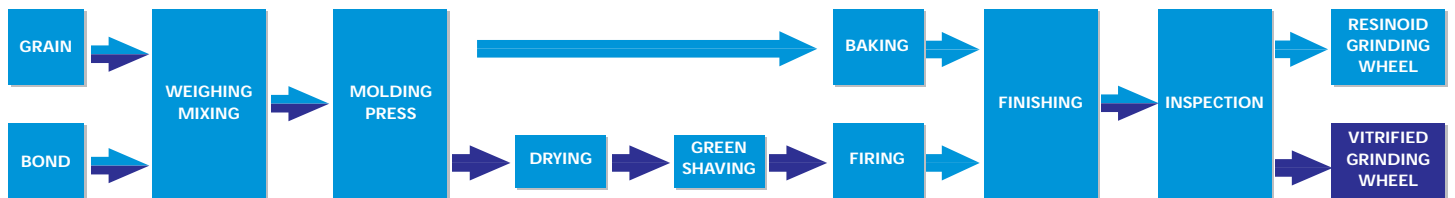


Specification and Manufacturing Process

<Conventional Grinding Wheels>

A1 60 K 7 V 35 (7) 255X25X25.4

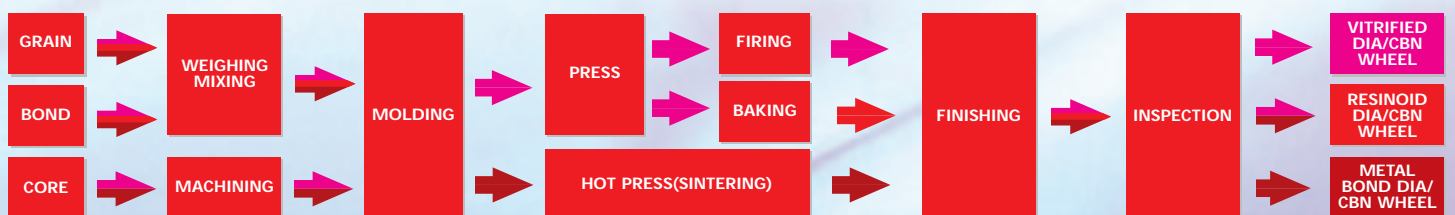
Type of Abrasives	Grit Size		Grade	Structure	Bond Type	Bond Symbol	Shape	Size
A : Regular Aluminium Oxide A1 : White Aluminium Oxide A2 : Pink Alundum Oxide A6 : Mixture of Aluminium Oxide A5 : Semi-Friable Aluminium Oxide CBT : Ceramic Grain C6 : Regular Silicon Carbide C5 : Green Silicon Carbide	Coarse	8	Soft	Dens	1	Variety of bond symbol designate characteristics of the wheel. <Example> V35: Good cutting ability V104: For ceramic grain BZ: For ball lapping B80W: For needle grinding R30: Standard rubber bond	1: Streight 2: Ring 5: Recessed One Side 6: Streight Cup 7: Recessed two side 11: Flaring Cup	Outer Diameter x Thickness x Hole Size
	↑	10	↑	↑	2			
		12	J	↑	3			
		⋮	K	↑	⋮			
		4000	L	↓	18			
	Fine	6000	Hard	Open	20			



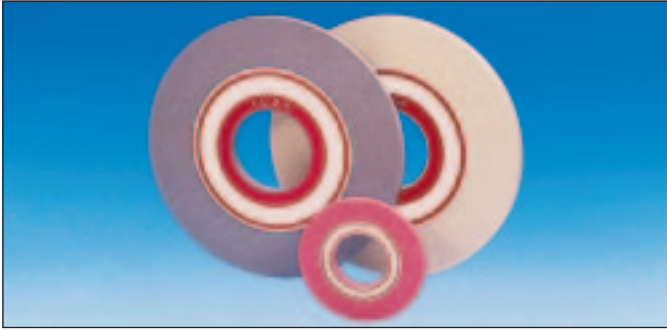
<Superabrasive Wheels>

CB 80 M 200 V N1 1A1 350X25X127 3.0x

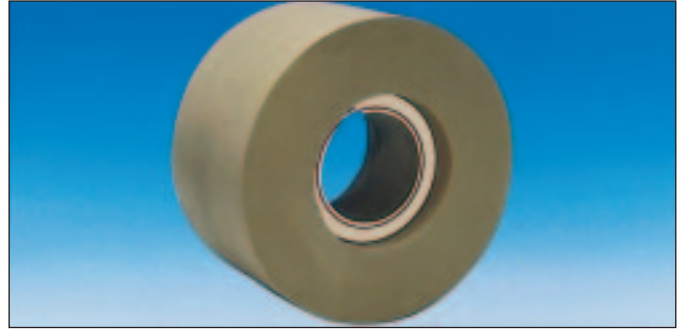
Type of Abrasives	Grit Size	Grade	Concentration (Vol%)		Bond Type	Bond Symbol	Shape(FEPA)	Size	X-Layer
CB: CBN (Cubic Boron Nitride)	#40-32,000	Soft	Low	0 (0.0%)	V: Vitrified	Variety of bond symbol designate characteristics of the wheel. <Example> VN1 (Vitrified Bond) BW6 (Resinoid Bond) MH4 (Metal Bond) PA5 (Electro Plated)	1A1: Streight	Outer Diameter x Thickness x Hole Size	X-Layer means the thickness of CBN/ Diamond layer <Example> 3x = 3.0 mm
CBC: Metal Coated CBN	#40-12,000	↑	↑	50 (12.5%)	B: Resinoid		1A1R: with Recess for cut-off wheel		
D: Natural Diamond	#16-325	L	↑	100 (25.0%)	M: Metal		6A2: Disc		
SD: Synthetic Diamond	#60-64,000	N	↑	150 (37.5%)	P: Plated		1A10R: Insite Cutter		
SDC: Metal Coated Synthetic Diamond	#60-700	P	↑	200 (50.0%)					
		Hard	High						



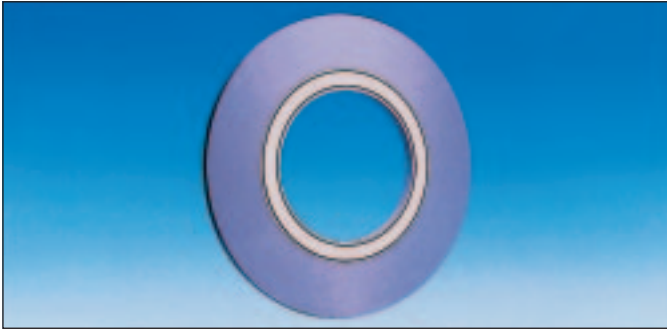
Grinding Wheels



■ Vitrified Bonded Grinding Wheels



■ Injection Needle Grinding Wheels



■ CBT Grinding Wheels (Ceramics Grain)



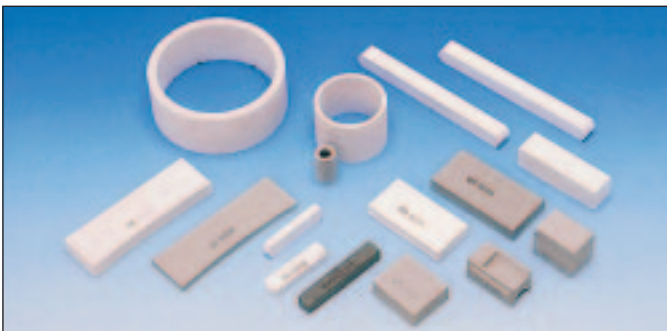
■ Centerless Wheels



■ Internal Grinding Wheels



■ Disc Grinding Wheels



■ Super Finishing and Honing Stones



■ Roll Grinding Wheels



■ Hard Gear Finishing Wheels



■ Ball Lapping Wheels

Vitrified CBN Wheels



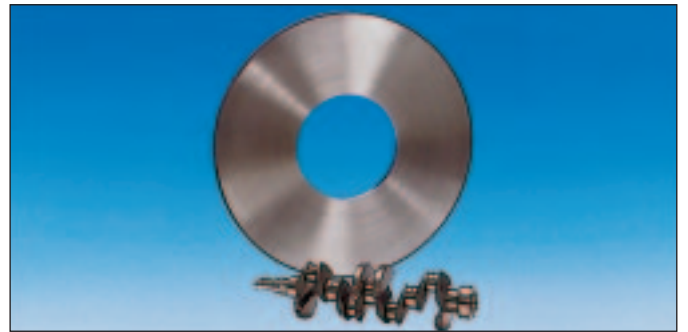
■ Super Heavy Duty Grinding Wheels



■ Super High Speed Cam Lobe Grinding Wheels



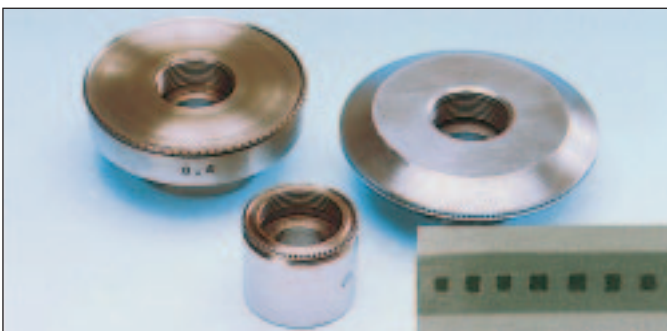
■ High Performance Cut-off Wheels



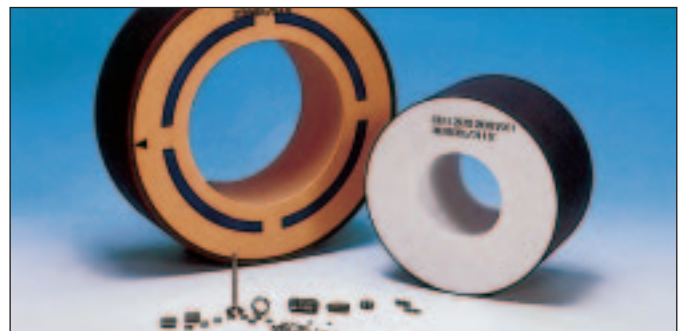
■ Crank Pin Grinding Wheels



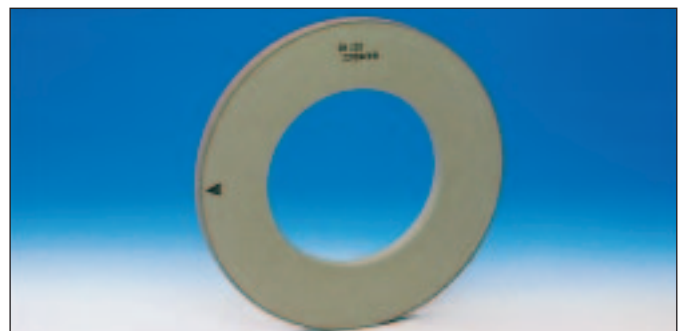
Dresser



■ Diamond Rotary Dressers



■ Variety of Centerless Wheels



■ Fine Grit Size Seamless Centerless Wheels



■ Variety of Diamond Dressers

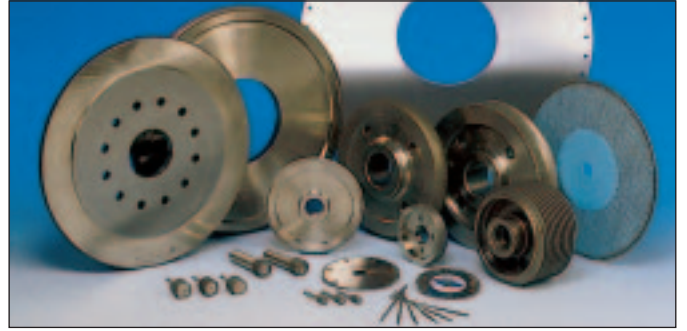


■ Variety of Internal Grinding Wheels

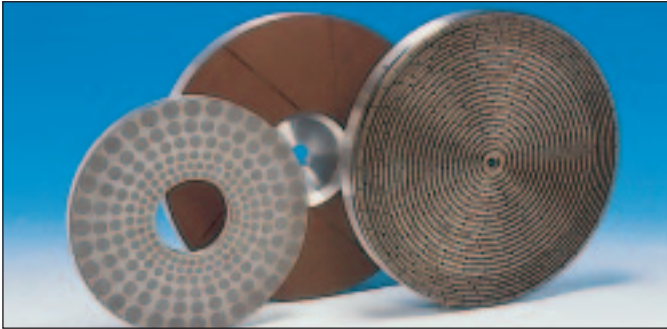
Diamond Wheels & Tools



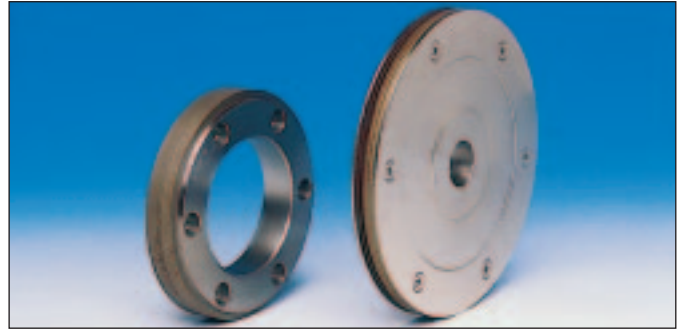
■ Variety of Diamond and CBN Wheels



■ Variety of Electro Plated Tools



■ Diamond and CBN Disc Wheels



■ Beveling Wheels for IT Industry



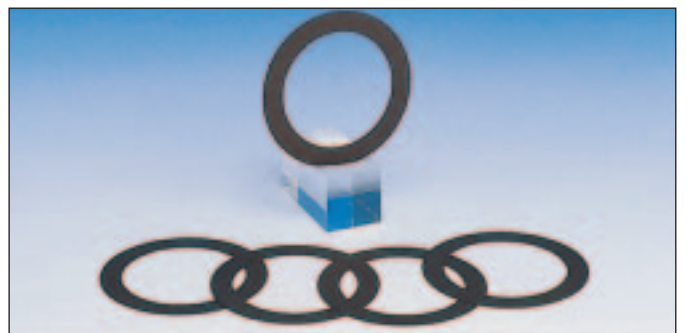
■ PCD/PCBN Cutting Tools



■ Super rigid Diamond Rim Saws



■ Diamond Tools for Construction



■ Ultra Thin Cutting Blades "Ultrathick"



■ Honing Stones

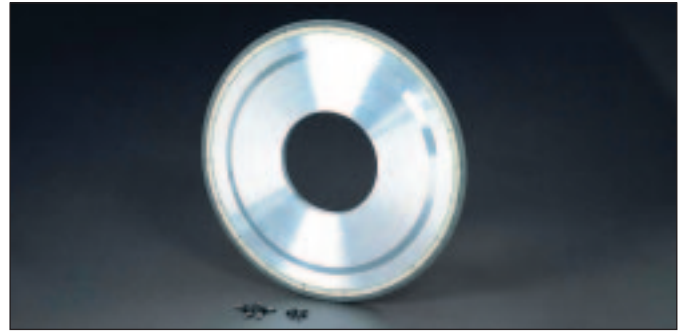


■ Abrasive Brazing System Wheels

Peripheral Equipments & Related Products



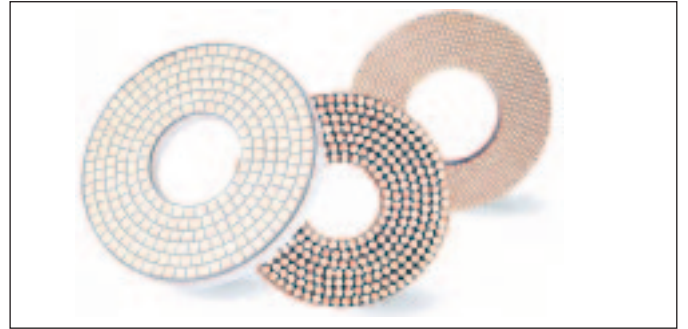
■ Diamond Coated Abrasives



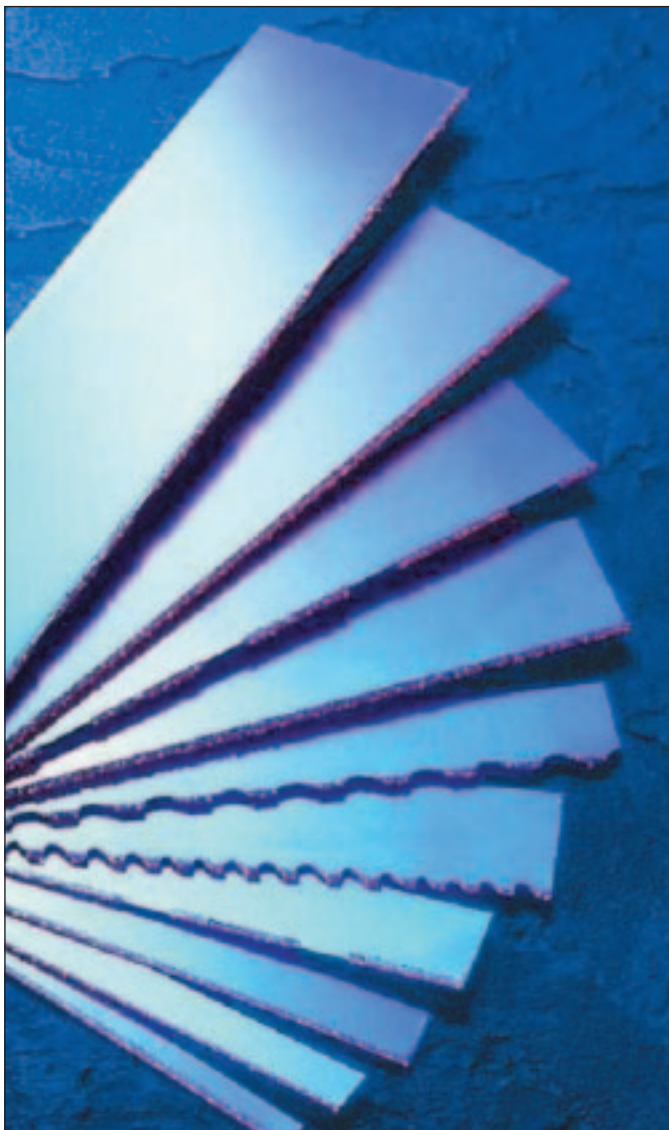
■ Injection Nozzle Grinding CBN



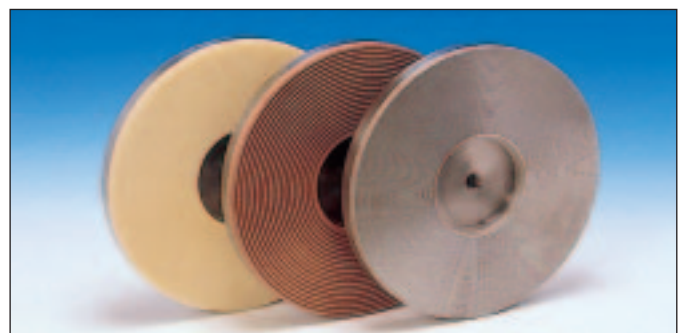
■ Convolute Finishing Wheels



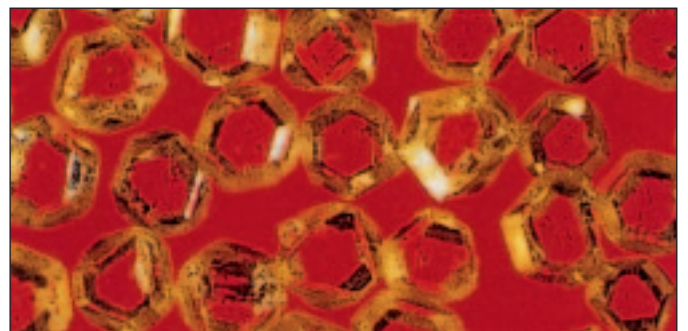
■ Double Disc Fine Grinding Diamond & CBN



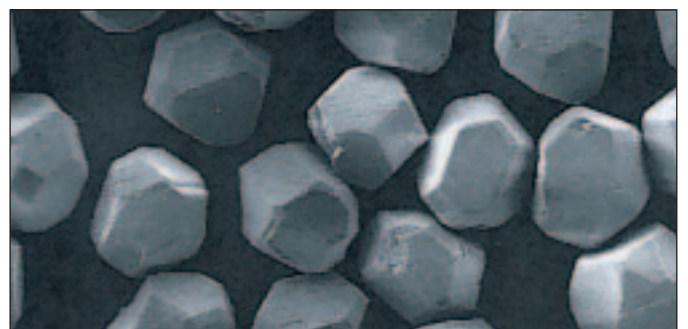
■ Diamond & CBN Saw Belt



■ Lapping Plates "MF PLATE"



■ Diamond Powders



■ Micron Diamond Powders



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