



# DIAMOND PLATING

CO. PTY. LTD.

ACN 004 982 496

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## **ELECTRO-FORMED** **DIAMOND GRINDING WHEELS**

**INDISPENSABLE**  
**LONG-LASTING AND COST-REDUCING TOOL**



**SUPER-RING GRINDING WHEEL** consists of a **uniform** and highly concentrated layer of Diamonds or CBN (Borazon). This type of wheel will provide a chip-free and super-clean cut, particularly when finer grits are used. Its greater total abrasive surface will also afford longer life of the wheel. It is particularly suitable on brittle materials.

**MULTI-PURPOSE GRINDING WHEEL** consists of a **perforated** and highly concentrated layer of Diamonds or CBN (Borazon). This type of wheel is particularly suitable for coarser grits, where fast removal of material is required. It is also ideal in any Diamond/CBN grits, or where material has tendency to clog the abrasive surface of the wheel. The perforated surface assists the rapid removal of material debris.

**RETAINS SHAPE.** Unlike the conventional Grinding Wheel, both types of Electro- Bonded wheels retain shape and surface consistency. Diamond or CBN (Borazon) particles are embedded by electro-depositing method into hard nickel bond, to achieve rigidity of cutting surface.

**WHEEL CAN BE RE-COATED** with fresh layer of Diamonds or CBN/Borazon. **Re-coating need not be in the original grit. Re-coating will reduce the price by 20% to 40%** and Australian Sales Tax is not applicable on re-coating service. *(For re-coating contact your local dealer.)*  
**ReCoated Wheels will always perform as new.**

**WE GUARANTEE** the quality and performance of both new and re-coated wheels, subject to their use in accordance with our technical instructions.

**EXPORT QUALITY** — is conforming to the highest world standards.

**INTERNATIONAL QUALITY STANDARDS** ISO- 9002 / AS-3902. (Implementation in progress).

DISTRIBUTED BY



MADE IN AUSTRALIA

## **TECHNICAL INFORMATION**

**WHEEL SIZES** available: 200 mm (approx. 8")  
150 mm (approx. 6")

**DIAMOND COATING** is suitable for Tungsten Carbide, Glass, Ceramics, Fibreglass, Hard Plastics, Precious or Semi-Precious Stones, Petrified Wood, Stone, or any other non-ferrous materials.

**CBN (BORAZON) COATING** is suitable for Hardened Steel, Stainless Steel, and other ferrous metals.

**GRIT/MESH SIZES** available:

COARSE	D181	80/100 Mesh
MEDIUM-COARSE	D151	100/120 Mesh
MEDIUM	D107	140/ 170 Mesh
MEDIUM-FINE	D76	200/230 Mesh
FINE	D46	325/400 Mesh

Any other Grit/Mesh sizes available upon request.

**SPECIAL TYPES OF DIAMOND or CBN (BORAZON)** are available for extra difficult or specific applications. Please seek advice from your local dealer.

<b>RECOMMENDED SPEEDS</b>	200 mm (8")	between 1500 - 1800 RPM for optimum performance. <b>Never exceed 2500 RPM</b>
	150 mm (6")	between 1800 - 2300 RPM for optimum performance. <b>Never exceed 3000 RPM</b>

**COOLANT** should always be used on both types of wheel and in most cases water will be sufficient.

Type of coolant will depend on material worked.

Seek advice from supplier of material or your local dealer for type of coolant most suitable.