



EHWA • GENERAL TOOL

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GRINDING WHEELS

Solid Round Cutting Tools for Grinding

POLYIMIDE BOND WHEELS

PA Series wheels are specially designed for fluting, gashing and relief operation of **micro tools**. They achieve optimal results for diameters of **.0015" to 0.125"** and mirror finish for fine grits **D25micron to D3micron**. The wheel shape and heat transfer ensure that the hold is maintained for longer time periods and at higher running speeds resulting in reduced cycle time. A further advantage is the product's **long dressing intervals**.

HYBRID BOND WHEELS

BMX Series wheels are designed for **diameters of 0.125" and higher** in the manufacturing of round cutting tools. This product not only provides improved surface finish and edge quality, but also delivers higher metal removal rates that result in reduced cycle times. Other prominent features are reduction of heat, loading, long dressing intervals and **lower average cost per tool**.

APPLICATION

Used for manufacturing round cutting tools such as Drills, End Mills, Reamers, Boring Bars, Thread Mills, Routers. CNC Machines: Rollomatic, Saacke, Anca, Walter, Haas, etc.

BENEFITS

- Increased productivity at the lowest tool cost
- High metal-removal = reduced cycle time
- Long dressing interval and wheel life
- Excellent heat resistance
- Reduced residual stress and thermal damage
- High dimensional stability after grinding
- Greatly improved surface finish and edge quality

WHEEL SHAPES

Flute Grinding: 1A1, 1V1, 3A1, 3V1, 14A1, 1FF1
Gash Grinding: 1V1, 3V1, 14V1
Relief: 11V9, 11V5

