

MASTER ABRASIVES

Coolant Nozzle Design
& Application Solutions



To achieve optimum performance from your grinding process, it is important to ensure that all aspects of the application have been analysed and suitably addressed.

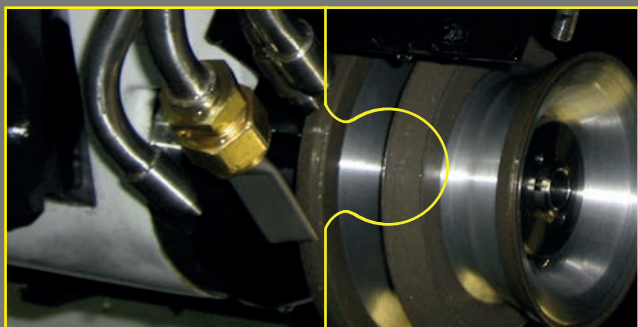
After many years of offering abrasives and dressing solutions for industry, Master Abrasives now offers the complete solution to coolant nozzle design and application as UK distributors for Cool-Grind Technologies. Cool-Grind Technologies are expert in the development and application of coolant nozzles to ensure maximum efficiency of the grinding process.

COOL-GRIND Coolant Nozzles

- Standard grinding nozzle products
- Nozzles for many OEM grinding machines
- Product design for specific OEM mounts
- Bespoke coolant system & application design
- Auditing of existing coolant systems
- Recommendations on flow, pressure, nozzle efficiency & filtration

MASTER® Abrasives

- Conventional grinding wheels
- Grinding wheels in all sizes and bonds
- Stationary diamond dressing tools
- Premium diamond roller dressers
- Complete range of superabrasives products including vitrified CBN and diamond wheels



- Complete assessment of the grinding process
- Utilisation of premium abrasive grain and bonds
- Increased stock removal rate
- Reduced flow-rate
- Effective air-barrier elimination
- Reduced mist and foam problems
- Shorter cycle times by process optimisation
- Dressing/truing efficiency improvements
- Grinding burn reduction

The Solution

Grind-Loc Kits

A number of the compression kits are available for cylindrical, surface, internal and tool grinding machines. The kits have enough parts for up to 15 nozzle systems. Individual parts are also sold separately.

The Grind-Loc solution offers flexibility and ease of fitting, with a system that can withstand high pressures and delivers a coherent coolant jet.



CONTACT US FOR MORE INFORMATION

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