

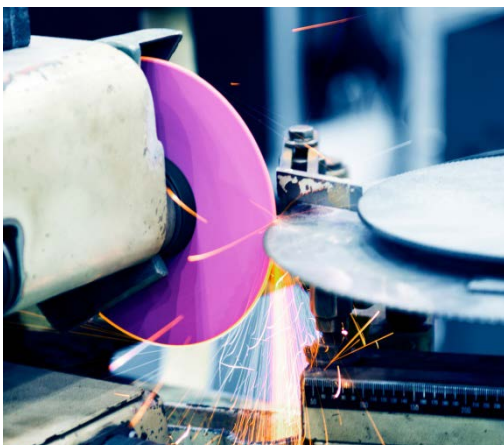
## Complete Coolant Nozzle Design & Application Solutions

### The Total Grinding Solution

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. Cool-Grind Technologies are expert in the development and application of coolant nozzles to ensure maximum efficiency of the grinding process and Master are the sole UK distributors for Cool-Grind Technologies.

### Cool-Grind is a provider of:

- Coolant nozzle – design & manufacture
- Generic grinding nozzle products
- Nozzles and manifolds 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

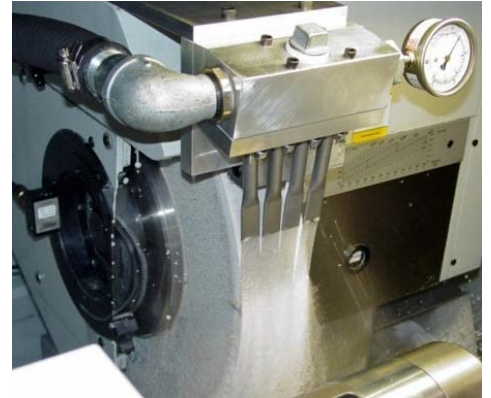


### Master Abrasives is a provider of:

- 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

## Advantages of the partnership:

- Complete assessment of the grinding process
- Utilisation of premium abrasive grain and bonds
- Increased 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



## Grind-Loc

The Grind-Loc solution offers flexibility and ease of fitting, with a system that can withstand high pressures, avoiding movement of the coolant line when high pressures are pumped through the system. A number of the compression kits are available for cylindrical, surface, internal and tool grinding machines. The kits have enough parts for 20 applications or individual parts can be sold separately. There is also a laser alignment tool which can be fitted onto the manifold and allows for the dry alignment of the coolant nozzle, the laser is then replaced by the coolant nozzle for exact coolant application.



For your free audit and assessment of grinding processes and application, contact us on:

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