

Kemet

Diamond Abrasives



Kemet International is one of the world's leading manufacturers of Diamond Abrasive Products used in research and industry. The wide range of standard formulations include liquids, pastes, suspensions, gels and sticks. Our laboratories have over 50 years experience and have developed special formulations for most lapping and polishing processes. These range from basic hand lapping operations to fully automatic double sided lapping systems.





Standard Kemet Liquid Diamond Products

Type K

An excellent, general purpose, low viscosity oil/water emulsion suitable for most applications.

Type WA

Water soluble Liquid Diamond, recommended where lapping/polishing must be carried out in the absence of oil based materials.

Type O

Low viscosity oil soluble Liquid Diamond with enhanced cleaning properties.

Technical Data		
	Micron Size	
Final Polishing	1/10	Kemet Liquid Diamond is normally supplied in units of 400g, 2000g or 2500g. Special micron sizes, formulae, colour coding and other packaging sizes for specific applications are available. Concentrations are standard strong and extra strong specials are manufactured to order.
	1/4	
	1/2	
	1	
	2	
Lapping & Pre-Polishing	3	
	6	
	8	
	10	
Rapid Stock Removal	14	
	25	
	45	

Features

- **Consistency of Performance**

Manufactured under a Quality System registered by BSI Cert No QO5919 BS EN ISO 9002: 1994

- **Precise and Superfine Surface Finishes**

Available in an extensive range of different micron sizes, containing only virgin Diamond Powder, graded to closer tolerances than the internationally recognised standards

- **Efficiency and Economy**

Uniform suspension of Diamond Powders in specially formulated chemical carriers, ensures that the diamond cuts and polishes with maximum effectiveness

- **Reduction in Lapping Costs**

Suitable for dispensing with the Kemet Electronic System, thus eliminating wastage and reducing lapping costs

- **Easy Product Cleaning**

Specially formulated Liquid Diamond Products enable parts to be cleaned easily.

Kemet Lubricating Fluids

Specially developed to ensure that Kemet Liquid Diamond cuts and polishes with maximum efficiency. Two Lubricating Fluids are recommended – Type K, a mineral oil based lubricant, and Type W, a water based lubricant.