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Material Science

Kemet Brushes



Made of natural stiff bristles for longer retention of Diamond compounds and resultant improved polishing operations. Kemet brushes all with 3/32" diameter spindles.

Type	Δ.	Cun	Rru	icha	
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B356	Cup Brush 12mm diam.	each
B357	Cup Brush 9mm diam.	each
B358	Cup Brush 6mm diam.	each

Type B: Brush Wheels

B359	Brush Wheels 22mm diam.	each
B360	Brush Wheels 19mm diam.	each
B361	Brush Wheels 16mm diam.	each

Lapping and Polishing Lift-off Discs



Kemet composite lapping plates are manufactured from a homogenous mixture of synthetic resins, metal particles and other materials.

When used with Kemet Liquid Diamond, Kemet lapping plates have a number of unique features which make them ideal for today's advanced lapping technology.

- ♦ Holds diamond particles firmly. Ensuring both efficient stock removal and repetitive surface finish.
- ◆ It has ductile qualities, which cushion the diamond particles, preventing damage to the workpiece.
- Produced in varying hardness values so that even the softest material can, without impregnation, be safely lapped with diamond particles.
- ◆ Dissipates heat and prevents laminar flow of lapped surface.
- ◆ Easy control for optimum flatness

The Kemet Lift-off disc system is available for machines up to 380mm (15") diameter. Kemet Lift Off Discs are supplied mounted on an aluminium backing plate which locates on to an aluminium drive plate by means of three pegs. Lift Off discs can be easily changed and are recommended for light duty work where general flatness and precision finish are required.

Kemet Iron – The most commonly used plate. For general purpose stock removal and lapping applications.

Kemet XP – Gives improved flat polished surfaces on many materials. Mirror surfaces can often be produced on harder materials using this plate.

Kemet Copper – Used to lap softer materials where fine lapping and polishing are the primary requirements.

Kemet Tin – One of the softest Kemet plates used for mirror polishing with fine grades of Kemet Liquid Diamond.

Other Lift-off plates available are manufactured in Cast Iron and Aluminium for use with self adhesive cloths and Silicon carbide discs.

	With Central Recess		Without Central Recess	
Type of	300mm	200mm	300mm	200mm
Disc	Product No	Product No	Product No	Product No
Cast Iron	L101/R/300	L101/R/200	L101/300	L101/200
Kemet Iron	L156/R/300	L156/R/200	L156/300	L156/200
Kemet Copper	L157/R/300	L157/R/200	L157/300	L157/200
Kemet XP	L158/R/300	L158/R/200	L158/300	L158/200
Kemet Tin	L159/R/300	L159/R/200	L159/300	L159/200
Aluminium	L102/R/300	L102/R/200	L102/300	L102/200