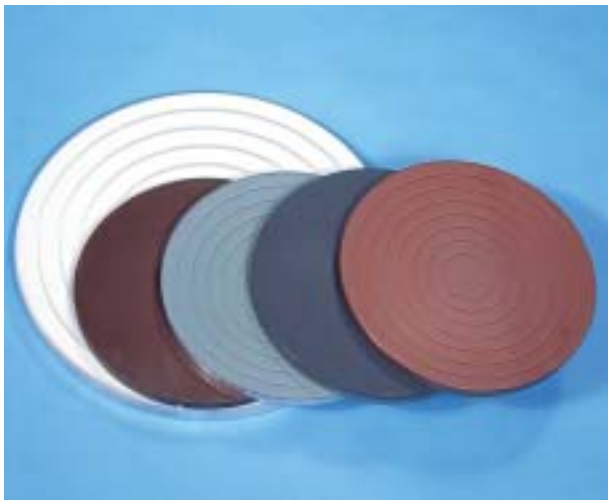
Kemet

Flat Lapping Plates

Kemet composite lapping plates are manufactured from a homogeneous mixture of synthetic resins, metal particles and other materials. The plates are ideal for today's advanced lapping technology, especially when used with Kemet Liquid Diamond.



Features

- Holds diamond particles firmly, ensuring both efficient stock removal and repetitive component surface finish.
- Ductile qualities 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 surfaces
- Easy control for optimum flatness
- Lapping/polishing plates available to fit all makes of lapping machines with plate diameters up to 3000mm
- Supplied with a cast iron backing plate for maximum stability.

Kemet Flat Lapping Plates

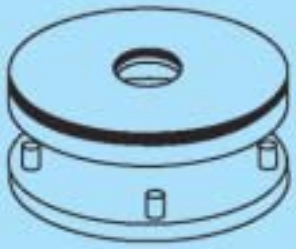
Standard Kemet Lapping Plates

These plates are normally supplied mounted on a cast iron backing plate for maximum stability. They are recommended for general and heavy-duty work where high precision flatness and surface finish are required

Standard Plate

Kemet Lift Off Disc System

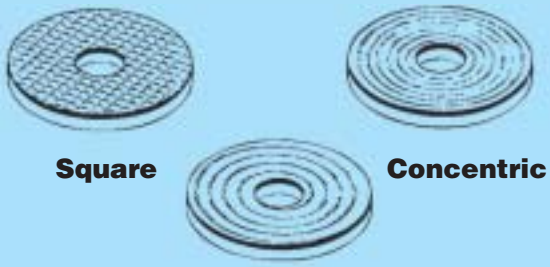
Kemet Lapping Plates are also available as Lift Off Discs, for machines up to 610mm (24") diameter. Discs are supplied mounted on an aluminium backing plate, which locates on to an aluminium drive plate by means of three pegs. Lift Off Discs can be easily changed and are recommended for light duty work where general flatness and precision finish are required.



Lift Off Disc Assembly

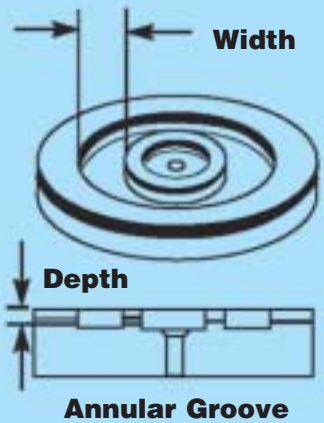
Grooving

Kemet Lapping Plates can be supplied grooved to suit specific applications.



Kemet Annular Grooved Plates

These plates are designed for precision shoulder lapping of a wide range of parts, such as fuel pump gear faces and pressure relief valve caps. Groove width and depth of plates need to be specified when ordering.



Annular Groove